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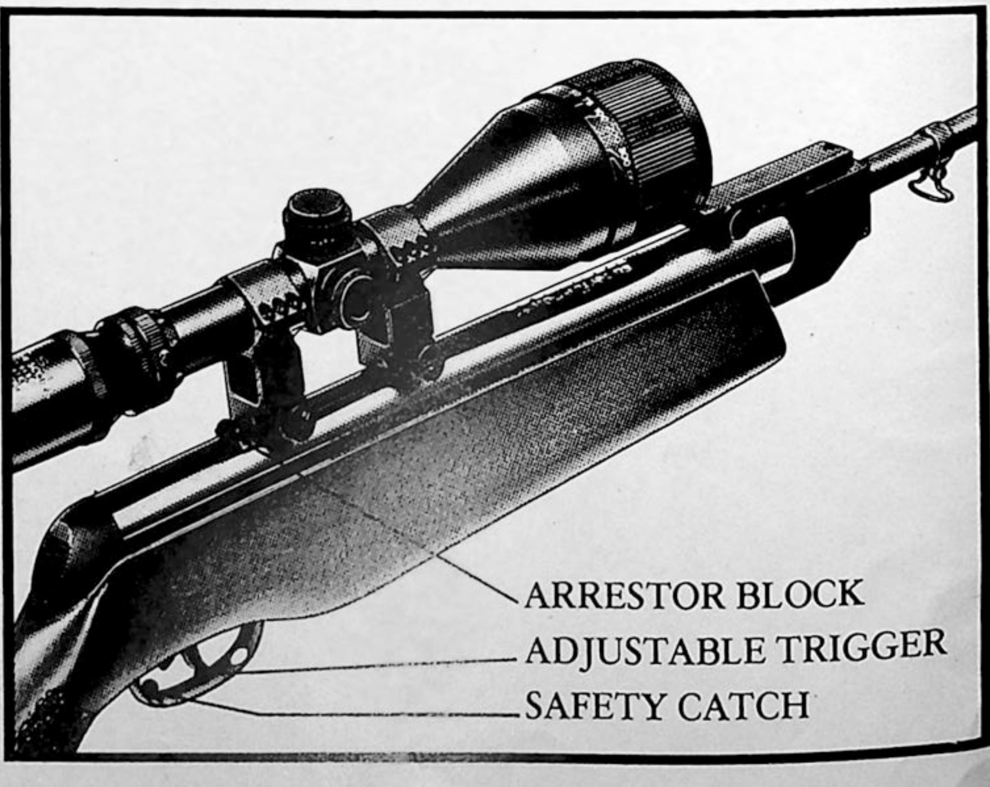

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# The Editor says ...

AS MENTIONED ELSEWHERE in this issue, Barnett International and CADA have funded a report by leading firearms law expert — and former senior policeman — Colin Greenwood into the alleged misuse of crossbows. Having read the report I can only say that it makes it clear how slight the evidence against crossbows is — and how dangerously effective a national media campaign can be even if there is no real substance to it.

Take the question of crossbow power, for example. Like many others I had always assumed that power levels with these weapons were very high — far in excess of anything achieved by even the most powerful air weapons. In fact the report reveals that an average, medium priced crossbow delivers a 'muzzle energy' figure of around 24 ft lbs. That's more than all but a few air rifles — but significantly less than the high powered centre fire rifles with which elements of the national press have often compared crossbows.

There is also the allegation that the silent, 'powerful' crossbow makes an ideal poaching weapon. Again this is far from true. We airgunners are familiar enough with the problem of 'holdover' — but just think about making this sort of allowance. Using a crossbow sighted for 20 yards at a target 60 yards away you would have to make a vertical allowance of six feet — and judging distance and holdover in those sort of circumstances would take a superman. It makes you realise what all the fuss over William Tell and the apple was all about!

Then, of course, we come to the question of cases of animal abuse involving crossbows. Here the evidence was even flimsier than elsewhere. After extensive research — involving bodies opposed to crossbows such as the National Farmers Union, the British Veterinary Association, the RSPB and the RSPCA just three cases were found in 1985 — compared with no fewer than 64,678 incidents of all kinds reported to the RSPCA alone in the same year. After reading the report I believe that the RSPCA managed to find more cases involving crossbows, bringing the total to a still far from staggering 71.

Evidence of misuse against humans is similarly scant. Over a 15 year period the total number, including damage to property, is just 29 — and most of these are very minor incidents indeed. Even those that aren't generally involve crossbows only coincidentally, and there is only one case of a homicide using a crossbow — putting them below items such as golf clubs and fence posts as murder weapons.

In short, the report concludes that there really is no case for crossbows to answer — and I sincerely hope that the Home Office, the RSPCA and the national papers which have been campaigning against them will acknowledge the truth and simply let people get on with their lawful pursuits.

No doubt some of you will read this and say, 'Why is he writing about crossbows again. I'm only interested in airguns'. Well, there certainly are plenty of people who own both an airgun or two and a crossbow — but the fundamental reason for my returning to this theme is rather different.

The recent campaign has shown just how easy it is to discredit a type of weapon, even when there is little or no evidence against it. We should learn our lesson — and be prepared for the time when the bleeding hearts turn against us.

John Fletcher

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**Assistant Editors: LESLEY SHEPPERDLEY AND PHILIP UPTON**
**Design: ROBERT NAREWSKI, HEATHER SIMMONS AND ELIZABETH KROL**
**Managing Director: GAVIN DOYLE**
**Advertisement Manager: CHRIS LEWIS**

Editorial & Advertising Office:
10 Sheet Street, Windsor, Berks SL4 1BG
Telephone: Windsor 856061

Subscriptions Department:
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*COVER PHOTO: DAVID LINAKER*
**Shooting with the Airgun Centre's Zephyr 77.**

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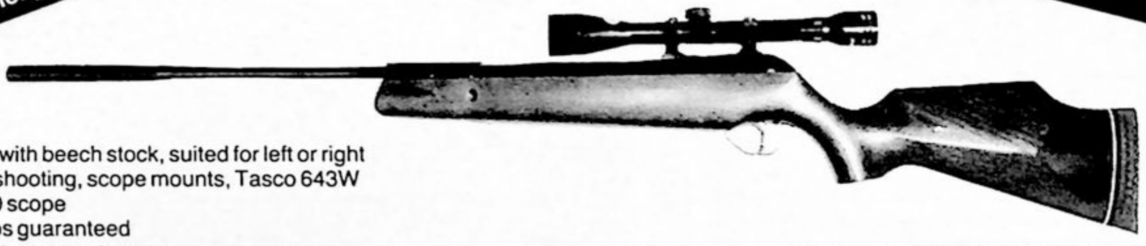

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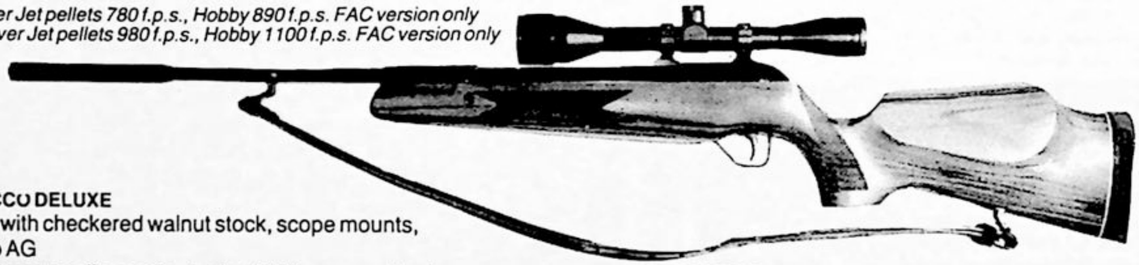

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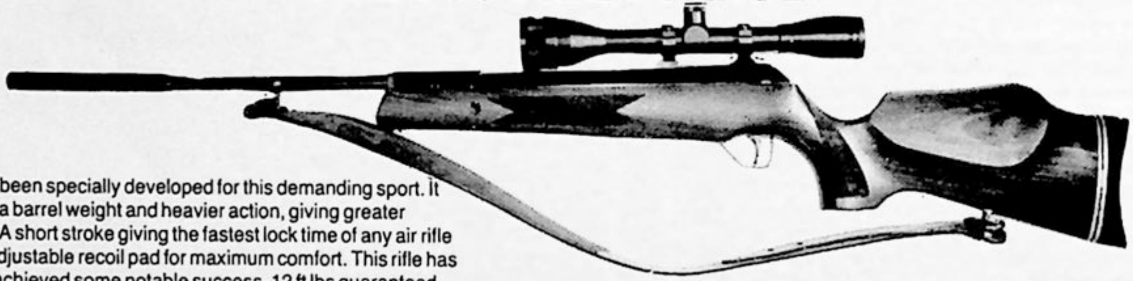

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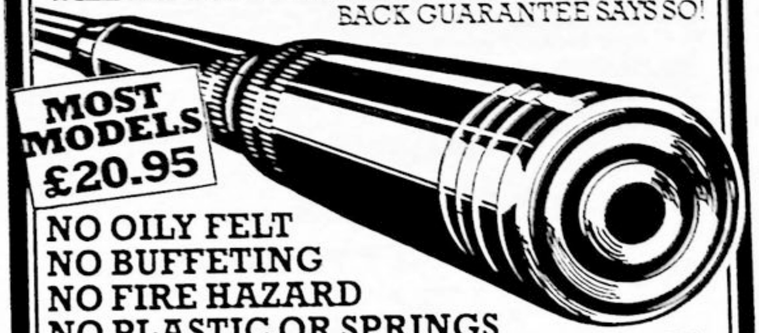

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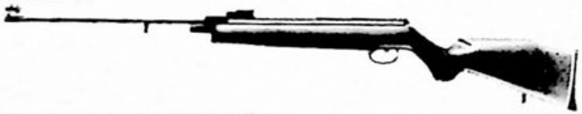

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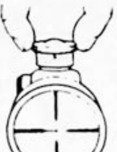

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If you enjoy shooting at dusk, by moonlight or just before the sun comes up when you have to make the most of what light there is, this is the scope for you. The massive 45mm objective lens gathers and captures the light. It is 26.5% bigger than the 40mm objective lens. The special multi-coating of the lens minimises light reflection and maximises light passing through, funnelling it into a standard field of view allowing the use of normal magnifications without excessive degrading of the image. Special satin-black anodised finish to eliminate give-away reflection. Equally suitable for day use, but full benefits are obviously only evident in poor light conditions.

## *AND THE NOW EQUALLY RENOWNED SUPER* Moonlighter™

As close as you can to a night-sight without a light intensification or infra-red device. If there **is any** light around, the massive 56mm lens will capture it (it's over three times the area of a 32mm lens!) The superb optics with special lens multicoating will concentrate it and funnel it into your vision, and there's enough light captured to spread up to the full x9 magnification and still give you a pupil-full of image on maximum dilation on a moonlit night.
Nobody other than Optima can bring you anything else approaching this combination of lens size and quality of optical resolution at anything approaching the price.

## *CREDIT TERMS AVAILABLE ON ORDERS £100—£300*

Flat 15% + Full Cash Price payable over 10 months (Lic No 156663 36·8% APR)

| | |
|---|---|
| e.g. Combo Cash Price | £200.00 |
| Initial Payment with order | £ 30.00 |
| 10 monthly payments | £ 20.00 |
| TOTAL CREDIT PRICE | £230.00 |

Just send 15% with your order. (Goods despatched by return subject to status—or else deposit refunded)

## *MADE FOR YOU TO OUR SPECIFICATIONS*

Specifications include: clarity right up to the edge. Permanently centred sight element irrespective of adjustment. Non-misting hydrogen-filled tube with tough black scratch and shock resistant finish. Unique rubber-tipped eyecup fitted to wide angle models. Complete with 8-page instruction booklet and protective lens covers.

**Model 432W 4 × 32 Panoramic with No. 15 Dual-X reticule £39.00**

**Model 440W 4 × 40 Panoramic with No. 15 Dual-X reticule £44.00**

**Model Z40W 3.9 × 40 Panoramic Zoom with No. 15 Dual-X reticule**
**(Fully variable between 3 and 9 magnification) £58.00**

**Model Z45 3.9 x 45 Standard Zoom with No. 15 Dual-X reticule**
**(Fully variable between 3 and 9 magnification)**
**with parallax adjustment** £76.00

**Model Z56 3.9 x 56 Standard with No.15 Dual-X reticule**
**(Fully variable between 3 and 9 magnification)**
**with parallax adjustment** £94.00

# OPTIMA NON-CREEP MOUNTS

## *STANDARD*

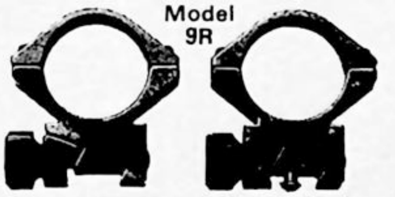
(for use with scopes up to x40mm objective lens).
Supplied in three sizes
Mod 9—Fits 9mm + gun rails **£7.75 pr.**
Mod 11—Fits 11mm + gun rails **£7.75 pr.**
For Weihrauch Rifles there is a special model.
Mod 9R—Comp. with retaining pin. Fits 9mm gun rails **£8.95**

## *HIGH ELEVATION*

For scopes over x40mm objective lens e.g. Moonlighter
Mod 9H—Fits 9mm + gun rails **£8.50 pr.**
Mod 11H—Fits 11mm + gun rails **£8.50 pr.**
For Weihrauch Rifles there is a special model.
Mod 9HR—Comp. with retaining pin. Fits 9mm gun rails **£9.75**

## *EXTRA HIGH ELEVATION*

(See through type).
For scopes over x45mm objective lens e.g. Super Moonlighter
Mod 9XH—Fits 9mm + gun rails **£8.75 pr.**
Mod 11XH—Fits 11mm + gun rails **£8.75 pr.**
For Weihrauch Rifles there is a special model.
Mod 9XHR—Comp. with retaining pin. Fits 9mm gun rails **£10.50 pr.**



## *CUSTOM STOCKS IN FRENCH WALNUT*

Now available from Optima are the following rifles fitted with custom made stocks. Made from specially imported French Walnut of guaranteed quality these stocks offer advanced designed features usually found on top quality hunting rifles.

Available with the choice of two of these superb stocks:

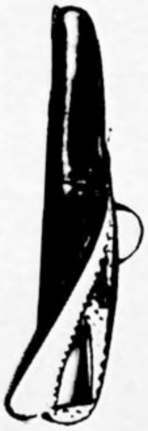
Sporter type. Tyrolean type cheek piece.

| | | Tuned Version |
|---|---|---|
| HW80 Custom | £173.00 | £203.00 |
| HW77 Custom | £180.00 | £207.00 |
| HW77 Carbine Custom | £180.00 | £207.00 |
| FWB 124/127 Custom | £185.00 | £212.00 |

All these rifles may be purchased in any of our special combinations. Please write or ring for details.

**SPORTSMATCH 1 PIECE MOUNTS**
9-11mm GUN RAILS
7416 – LOW £18.00
7420 – HIGH £19.50

## *PROTECT YOUR RIFLE WITH AN OPTIMA GUN COVER*



### *OPTIMA GC3 £14.95*

**Matching Sling £2.50**
Strong PVC brown leather finish.
Luxurious nylon fleece lined. **Full length zip.**
Will take rifle fitted with any scope or any shotgun with storage room for cartridges, cleaning kit etc. Elegant protection for your treasured gun.
O/A length 51" (130cm). Width 9" (23cm).

### *OPTIMA GC5 £22.95*

**(New—GC5X with extra deep cut for scopes over 45mm £25.75)**
**Matching Sling £2.50**
This new Optima Rifle Cover is made of strong PVC with brown leather graining.
Fitted with heavy duty zip giving full-length, speedy access.

## *OPTIMA LAMPING KIT*

A new 55w Halogen Searchlight lamping kit with special high-power non-spill battery, scope mounted or hand held comes complete with red screen, adaptor for use with standard battery charger, mounts and battery carrying case with shoulder strap. Special Optima price **£49.50**

**NEW RANGE OF OUTDOOR CLOTHING**
**SEND S.A.E. FOR FREE BROCHURE**

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# THE AIRGUN CENTRE

VISA

Access

| | STANDARD | TUNED |
|---|---|---|
| Weihrauch HW77 Tyrol Custom (77K Carbine version same price) | N/A | £209.00 |
| Weihrauch HW80 Tyrol Custom (80K Carbine version same price) | N/A | £198.00 |
| Weihrauch HW77 (and HW77K Carbine) | N/A | £120.00 |
| Weihrauch HW80 (and HW80K Carbine) | £99.00 | £109.00 |
| Weihrauch HW45 | £105.00 | £115.00 |
| Weihrauch HW35 Export | £105.00 | £115.00 |
| Weihrauch HW35 | £75.00 | £85.00 |
| Theoben Sirocco Deluxe (silencer fitted) | £270.00 | N/A |
| Theoben Sirocco Standard (silencer fitted) | £230.00 | N/A |
| Feinwerkbau Sport Tyrol Custom | N/A | £224.00 |
| Feinwerkbau Sport Mk. II | £125.00 | £135.00 |
| Original 50 TO1 | £115.00 | £125.00 |
| Original 45 | £80.00 | £90.00 |
| Webley Omega (and Carbine version) | N/A | £125.00 |
| Webley Vulcan Deluxe (and Carbine version) | £95.00 | £105.00 |
| Webley Vulcan Mk. II (and Carbine version) | £75.00 | £85.00 |
| Webley Beeman C1 Carbine | £65.00 | £75.00 |
| Webley Victor | £55.00 | £65.00 |
| Webley Hurricane | £56.00 | £66.00 |
| Webley Tempest | £46.00 | £56.00 |
| BSA Stutzen | N/A | £139.00 |
| BSA Airsporter S | N/A | £129.00 |
| BSA Mercury Challenger | N/A | £99.00 |
| BSA Scorpion | N/A | £64.00 |

## KASSNAR 'SCOPES'

### Adjustable Parallax with External Windage and Elevation Adjustment

| | |
|---|---|
| 3-9×56 wide angle (WAPA) | £129.3 |
| 6-18×40 wide angle (WAPA) | £117.80 |
| 3-9×40 wide angle (WAPA) | £93.65 |
| 2-7×32 wide angle (WAPA) | £87.10 |
| 4×40 wide angle (WAPA) | £81.95 |
| 4×32 wide angle (WAPA) | £68.65 |

### Zoom (Variable Power)

| | |
|---|---|
| 3-9×40 wide angle (WA) | £71.75 |
| 2-7×32 wide angle (WA) | £70.40 |
| 1.75-5×40 | £66.10 |
| 1.54-4×20 | £42.50 |

### Fixed Power

| | |
|---|---|
| 8×56 | £88.15 |
| 6×40 | £53.15 |
| 4×40 wide angle (WA) | £57.80 |
| 2.75×40 | £52.95 |
| 4×32 wide angle (WA) | £50.90 |
| 4×32 | £43.65 |
| 2.5×32 | £46.60 |
| 4×32 Vistascope | £31.05 |
| 4×20 with mounts | £10.70 |

# MAIL ORDER . . . . . . . . . . . . . . . . . .

## The Airgun Centre makes ordering by credit easy!

**Here is an example to show exactly what you would pay for one of our outfits:**

**BSA Stutzen, Sportsmatch 1 piece mount with Kassnar 3-9×40 WAPA .......... Cash Price £251.65**

**On Credit over 1 year you pay a deposit of £25.65 plus £5.12 per week**

**Total amount payable £291.89**

**Amount of interest over 52 weeks £40.28**

*LICENSED CREDIT BROKERS* *PAYABLE MONTHLY*

### WEAPONS ONLY (ALL FULLY TUNED)

| | Cash or | Deposit & | 52 weeks at | or 104 weeks at |
|---|---|---|---|---|
| WEIHRAUCH HW77 TYROL CUSTOM (77K Carbine version same price) | £209.00 | £21.00 | £4.26 | £2.46 |
| WEIHRAUCH HW80 TYROL CUSTOM (80K Carbine version same price) | £198.00 | £20.00 | £4.03 | £2.33 |
| WEIHRAUCH HW77 (and HW77K CARBINE) | £120.00 | £12.00 | £2.47 | N/A |
| WEIHRAUCH HW80 (and HW80K Carbine) | £109.00 | £11.00 | £2.27 | N/A |
| WEIHRAUCH HW45 | £115.00 | £12.00 | £2.37 | N/A |
| WEIHRAUCH HW35 EXPORT | £115.00 | £12.00 | £2.37 | N/A |
| WEIHRAUCH HW35 | £85.00 | £9.00 | £1.82 | N/A |
| THEOBEN SIROCCI DE LUXE (Silencer fitted) | £270.00 | £27.00 | £5.51 | £3.18 |
| THEOBEN SIROCCO STANDARD (Silencer fitted) | £230.00 | £23.00 | £4.69 | £2.71 |
| FEINWERKBAU SPORT TYROL CUSTOM | £224.00 | £23.00 | £4.55 | £2.63 |
| FEINWERKBAU SPORT MKII | £135.00 | £14.00 | £2.74 | £1.58 |
| ORIGINAL 50 T O1 | £125.00 | £13.00 | £2.55 | N/A |
| ORIGINAL 45 | £90.00 | £9.00 | £1.93 | N/A |
| WEBLEY OMEGA (and Carbine Version) | £125.00 | £13.00 | £2.55 | N/A |
| WEBLEY VULCAN DE LUXE (and Carbine Version) | £105.00 | £11.00 | £2.19 | N/A |
| WEBLEY VULCAN MKII | £85.00 | £9.00 | £1.80 | N/A |
| BSA STUTZEN | £139.00 | £14.00 | £2.83 | £1.63 |
| BSA AIRSPORTER S | £129.00 | £13.00 | £2.63 | N/A |
| BSA MERCURY CHALLENGER | £99.00 | £10.00 | £2.09 | N/A |

### WEIHRAUCH HW77 TYROL CUSTOM (77K CARBINE VERSION SAME PRICE)

Fitted with Sportsmatch 1 piece mount with

| | Cash price or | Deposit & | 52 weeks at | or 104 weeks at |
|---|---|---|---|---|
| KASSNAR 3-9×56 WAPA | £355.55 | £36.55 | £7.23 | £4.17 |
| KASSNAR 3-9×40 WAPA | £319.90 | £32.90 | £6.50 | £3.75 |
| KASSNAR 2-7×32 WAPA | £313.35 | £32.35 | £6.37 | £3.67 |
| KASSNAR 4×40 WAPA | £308.20 | £31.20 | £6.28 | £3.62 |
| KASSNAR 3-9×40 WA | £298.00 | £30.00 | £6.07 | £3.50 |
| KASSNAR 2-7×32 WA | £296.65 | £30.65 | £6.03 | £3.48 |
| KASSNAR 4×40 WA | £284.05 | £29.05 | £5.78 | £3.33 |
| KASSNAR 4×32 WA | £277.15 | £28.15 | £5.64 | £3.26 |
| KASSNAR 4×32 | £269.90 | £27.90 | £5.48 | £3.16 |
| KASSNAR VISTASCOPE 4×32 | £257.30 | £26.30 | £5.23 | £3.02 |

### WEIHRAUCH HW80 TYROL CUSTOM (80K CARBINE VERSION SAME PRICE)

Fitted with Sportsmatch 1 piece mount with

| | Cash Price or | Deposit & | 52 weeks at | or 104 weeks at |
|---|---|---|---|---|
| KASSNAR 3-9×56 WAPA | £346.30 | £35.30 | £7.00 | £4.04 |
| KASSNAR 3-9×40 WAPA | £310.65 | £32.65 | £6.30 | £3.63 |
| KASSNAR 2-7×32 WAPA | £304.10 | £31.10 | £6.19 | £3.57 |
| KASSNAR 4×40 WAPA | £298.95 | £30.95 | £6.07 | £3.50 |
| KASSNAR 3-9×40 WA | £288.75 | £29.75 | £5.87 | £3.39 |
| KASSNAR 2-7×32 WA | £287.40 | £29.40 | £5.85 | £3.37 |
| KASSNAR 4×40 WA | £274.80 | £27.80 | £5.60 | £3.23 |
| KASSNAR 4×32 WA | £267.90 | £26.90 | £5.46 | £3.15 |
| KASSNAR 4×32 | £260.65 | £26.65 | £5.30 | £3.06 |
| KASSNAR VISTASCOPE 4×32 | £248.05 | £25.05 | £5.05 | £2.91 |

### FEINWERKBAU TYROL CUSTOM

Fitted with Sportsmatch 1 piece mount with

| | Cash Price or | Deposit & | 52 weeks at | or 104 weeks |
|---|---|---|---|---|
| KASSNAR 3-9×56 WAPA | £370.55 | £37.55 | £7.55 | £4.35 |
| KASSNAR 3-9×40 WAPA | £334.90 | £34.90 | £6.80 | £3.92 |
| KASSNAR 2-7×32 WAPA | £328.35 | £33.35 | £6.68 | £3.86 |
| KASSNAR 4×40 WAPA | £323.20 | £33.20 | £6.57 | £3.79 |
| KASSNAR 3-9×40 WA | £313.00 | £32.00 | £6.37 | £3.67 |
| KASSNAR 2-7×32 WA | £311.65 | £31.65 | £6.34 | £3.66 |
| KASSNAR 4×40 WA | £299.05 | £30.05 | £6.09 | £3.52 |
| KASSNAR 4×32 WA | £292.15 | £30.15 | £5.94 | £3.42 |
| KASSNAR 4×32 | £284.90 | £28.90 | £5.80 | £3.35 |
| KASSNAR VISTASCOPE 4×32 | £272.30 | £27.30 | £5.55 | £3.20 |

## RING JOHN STEVENS NOW WITH YOUR QUERIES ON

## 0268 771 730

THE AIRGUN CENTRE

107 London Road
Rayleigh
Essex SS6 9AY

**Open 10am-6pm**
**Closed Wed & Sun**
(A129 Wickford to Rayleigh Rd. ½ mile before Rayleigh Station)

# THE Zephyr 77

## THE ULTIMATE STATE OF THE ART AIR RIFLE IS AVAILABLE NOW

## 10 OUT OF 10!

**We know you may not have believed the GUN TEST in last month's *Airgun World*. You really must shoot the Zephyr 77 to understand what this superb state of the art air rifle is capable of. In the meantime here's a few quotes . . . "Very few photographs could do justice to the Zephyr 77 stock — it was that impressive". "Power was right on the legal limit". "Moving the pellet catcher back to 40 yds resulted in an average group size of ⅝ inch. I regard this level of accuracy as exemplary". "Which proved to me just how brilliant the Zephyr 77 concept is". "There is no doubt that the Zephyr 77 will find fame with field target shooters". "The 1-10 rating we usually use can no longer apply." "As testers, we think the Zephyr 77 deserves 10 out of 10 for everything".**

**Wally Pope — May *Airgun World* Gun Test.**

ZEPHYR 77 with Zephyr stock, blued steel silencer and Zephyr action **£325.00** or deposit **£33.00** and 52 weeks at **£6.61** or 104 weeks at **£3.81**.

ZEPHYR 77 complete with Zeiss Diavari 3-9×36 with Z-plex reticle and Sportsmatch 1-piece mount .............................................. **£741.00** or deposit **£75.00** and 52 weeks at **£15.09** or 104 weeks at **£8.70**.

ZEPHYR 77 complete with Kassnar 3-9×56 WAPA and Sportsmatch 1-piece mount .............................................. **£471.00** or deposit **£48.00** and 52 weeks at **£9.58** or 104 weeks at **£5.53**.

ZEPHYR 77 complete with Kassnar 3-9×40 WA and Sportsmatch 1-piece mount .............................................. **£414.00** or deposit **£42.00** and 52 weeks at **£8.43** or 104 weeks at **£4.86**.

# ...... CREDIT AVAILABLE

APR 36.3%

### WEIHRAUCH HW77
### (77K CARBINE VERSION SAME PRICE)

Fitted with Sportsmatch 1 piece mount with

| | Cash Price | or Deposit & | 52 weeks at | or 104 weeks at |
|---|---|---|---|---|
| KASSNAR 3-9×56 WAPA | £266.55 | £27.55 | £5.42 | £3.12 |
| KASSNAR 3-9×40 WAPA | £230.90 | £23.90 | £4.69 | £2.71 |
| KASSNAR 2-7×32 WAPA | £224.35 | £23.35 | £4.55 | £2.63 |
| KASSNAR 4×40 WAPA | £219.20 | £22.20 | £4.49 | £2.59 |
| KASSNAR 3-9×40 WA | £209.00 | £21.00 | £4.26 | £2.46 |
| KASSNAR 2-7×32 WA | £207.65 | £21.65 | £4.21 | £2.43 |
| KASSNAR 4×40 WA | £195.05 | £20.05 | £3.96 | £2.29 |
| KASSNAR 4×32 WA | £188.15 | £19.15 | £3.83 | £2.21 |
| KASSNAR 4×32 | £180.90 | £18.90 | £3.67 | £2.12 |
| KASSNAR VISTASCOPE 4×32 | £168.30 | £17.30 | £3.42 | £1.97 |

### WEIHRAUCH HW80
### (80K CARBINE VERSION SAME PRICE)

Fitted with Sportsmatch 1 piece mount with

| | Cash Price | or Deposit & | 52 week at | or 104 weeks at |
|---|---|---|---|---|
| KASSNAR 3-9×56 WAPA | £257.30 | £26.30 | £5.23 | £3.02 |
| KASSNAR 3-9×40 WAPA | £221.65 | £22.65 | £4.49 | £2.59 |
| KASSNAR 2-7×32 WAPA | £215.10 | £22.10 | £4.37 | £2.52 |
| KASSNAR 4×40 WAPA | £209.95 | £21.95 | £4.26 | £2.46 |
| KASSNAR 3-9×40 WA | £199.75 | £20.75 | £4.05 | £2.34 |
| KASSNAR 2-7×32 WA | £198.40 | £20.40 | £4.03 | £2.33 |
| KASSNAR 4×40 WA | £185.80 | £18.80 | £3.78 | £2.18 |
| KASSNAR 4×32 WA | £178.90 | £17.90 | £3.65 | £2.10 |
| KASSNAR 4×32 | £171.65 | £17.65 | £3.49 | £2.01 |
| KASSNAR VISTASCOPE 4×32 | £159.05 | £16.05 | £3.24 | £1.87 |

### WEBLEY OMEGA
### (AND OMEGA CARBINE)

Fitted with Sportsmatch 1 piece mount with

| | Cash Price | or Deposit & | 52 weeks at | or 104 weeks at |
|---|---|---|---|---|
| KASSNAR 3-9×56 WAPA | £271.55 | £27.55 | £5.53 | £3.19 |
| KASSNAR 3-9×40 WAPA | £235.90 | £23.90 | £4.80 | £2.77 |
| KASSNAR 2-7×32 WAPA | £229.35 | £23.35 | £4.67 | £2.69 |
| KASSNAR 4×40 WAPA | £224.20 | £23.20 | £4.55 | £2.63 |
| KASSNAR 3-9×40 WA | £214.00 | £22.00 | £4.35 | £2.51 |
| KASSNAR 2-7×32 WA | £212.65 | £21.65 | £4.33 | £2.50 |
| KASSNAR 4×40 WA | £200.05 | £20.05 | £4.08 | £2.35 |
| KASSNAR 4×32 WA | £193.15 | £20.15 | £3.92 | £2.26 |
| KASSNAR 4×32 | £185.90 | £18.90 | £3.78 | £2.18 |
| KASSNAR VISTASCOPE 4×32 | £173.30 | £18.30 | £3.51 | £2.03 |

### THEOBEN SIROCCO DE LUXE
### (Including Silencer)

Fitted with Theoben mounts with

| | Cash Price | or Deposit & | 52 weeks at | or 104 weeks at |
|---|---|---|---|---|
| KASSNAR 3-9×56 WAPA | £422.30 | £42.30 | £8.61 | £4.97 |
| KASSNAR 3-9×40 WAPA | £386.65 | £39.65 | £7.86 | £4.54 |
| KASSNAR 2-7×32 WAPA | £380.10 | £38.10 | £7.75 | £4.47 |
| KASSNAR 4×40 WAPA | £374.95 | £37.95 | £7.64 | £4.41 |
| KASSNAR 3-9×40 WA | £364.75 | £36.75 | £7.43 | £4.29 |
| KASSNAR 2-7×32 WA | £363.40 | £36.40 | £7.41 | £4.28 |
| KASSNAR 4×40 WA | £350.80 | £35.80 | £7.14 | £4.12 |
| KASSNAR 4×32 WA | £343.90 | £34.90 | £7.00 | £4.04 |
| KASSNAR 4×32 | £336.65 | £34.65 | £6.84 | £7.90 |
| KASSNAR VISTASCOPE 4×32 | £324.05 | £33.05 | £6.59 | £3.81 |

### THEOBEN SIROCCO STANDARD
### (Including Silencer)

Fitted with Theoben mounts with

| | Cash Price | or Deposit & | 52 weeks at | or 104 weeks at |
|---|---|---|---|---|
| KASSNAR 3-9×56 WAPA | £382.30 | £38.30 | £7.80 | £4.50 |
| KASSNAR 3-9×40 WAPA | £346.65 | £35.65 | £7.05 | £4.07 |
| KASSNAR 2-7×32 WAPA | £340.10 | £34.10 | £6.93 | £4.00 |
| KASSNAR 4×40 WAPA | £334.95 | £33.95 | £6.82 | £3.93 |
| KASSNAR 3-9×40 WA | £324.75 | £32.75 | £6.62 | £3.82 |
| KASSNAR 2-7×32 WA | £323.40 | £32.40 | £6.59 | £3.81 |
| KASSNAR 4×40 WA | £310.80 | £31.80 | £6.32 | £3.64 |
| KASSNAR 4×32 WA | £303.90 | £30.90 | £6.19 | £3.57 |
| KASSNAR 4×32 | £296.65 | £30.65 | £6.03 | £3.48 |
| KASSNAR VISTASCOPE 4×32 | £284.05 | £29.05 | £5.78 | £3.33 |

### B.S.A. STUTZEN

Fitted with Sportsmatch 1 piece mount with

| | Cash Price | or Deposit & | 52 weeks at | or 104 weeks at |
|---|---|---|---|---|
| KASSNAR 3-9×56 WAPA | £287.30 | £29.30 | £5.85 | £3.37 |
| KASSNAR 3-9×40 WAPA | £251.65 | £25.65 | £5.12 | £2.95 |
| KASSNAR 2-7×32 WAPA | £245.10 | £25.10 | £4.98 | £2.88 |
| KASSNAR 4×40 WAPA | £239.95 | £24.95 | £4.87 | £2.81 |
| KASSNAR 3-9×40 WA | £229.75 | £23.75 | £4.67 | £2.69 |
| KASSNAR 2-7×32 WA | £228.40 | £23.40 | £4.65 | £2.68 |
| KASSNAR 4×40 WA | £215.80 | £21.80 | £4.40 | £2.54 |
| KASSNAR 4×32 WA | £208.90 | £20.90 | £4.26 | £2.46 |
| KASSNAR 4×32 | £201.65 | £20.65 | £4.10 | £2.37 |
| KASSNAR VISTASCOPE 4×32 | £189.05 | £19.05 | £3.85 | £2.22 |

## ORDER FORM

**Mail Order and Credit Facilities**

Access and Barclaycard welcome, telephone your order for immediate despatch. If you order by post use this slip and make cheques or postal orders payable to The Airgun Centre. Cash with order in registered envelope please. Add £2.50 post, packing and insurance for rifles and combinations, £1.50 for 'scopes, pistols etc.

If you require credit, (available only on purchases totalling £85 and over) fill in the form and return it with your deposit for details by return.

I do/do not require credit facilities repaid over
12 ☐ 24 ☐ months. I am over 18 years yes ☐ no ☐

Please send ..............................................................................
..............................................................................
Cal:.................... Price £.................... I enclose the deposit/full cash price of £..........................
+p&p £.............................. Total amount enclosed £..............................................
by cheque/PO/cash/or Access/Barclaycard No.
Name ..............................................................................
Address ..............................................................................
..............................................................................
..............................................................Tel: ..............................

AGW6/86

## WEIHRAUCH POWER & PRECISION From Germany

**WEIHRAUCH HW35 STD**
fitted with:

| | Dep | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| 4×32 scope & 1 piece mount | £143 or £15 | £2.94 wk | £1.70 wk |
| 4×40 scope & 1 piece mount | £153 or £16 | £3.14 wk | £1.82 wk |

**WEIHRAUCH HW77 or 77K**
fitted with:

| | Dep | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| 4×32 scope & 1 piece mount | £179 or £18 | £3.68 wk | £2.13 wk |
| 4×40 scope & 1 piece mount | £189 or £19 | £3.88 wk | £2.25 wk |

**All these 'Superb outfits' are fitted with either a TASCO • ASI • KASSNAR 4×32 or Air Arms 4×40 & 1 piece mount MAXIMUM POWER**

★ NEW MODEL ★

**WEIHRAUCH HW85** LIGHTWEIGHT
fitted with:

| | Dep | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| 4×32 scope & 1 piece mount | £169 or £17 | £3.47 wk | £2.01 wk |
| 4×40 scope & 1 piece mount | £179 or £18 | £3.68 wk | £2.13 wk |

**WEIHRAUCH HW80**
fitted with:

| | Dep | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| 4×32 scope & 1 piece mount | £169 or £17 | £3.47 wk | £2.01 wk |
| 4×40 scope & 1 piece mount | £179 or £18 | £3.68 wk | £2.13 wk |

AIR ARMS **CAMARGUE**
fitted with:

| | Dep | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| 4×32 scope & 1 piece mount | £219 or £22 | £4.50 wk | £2.61 wk |
| 4×40 scope & 1 piece mount | £229 or £23 | £4.71 wk | £2.73 wk |

**AIR ARMS MISTRAL A.L.** 40 shot semi-auto
fitted with:

| | Dep | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| 4×32 scope & 1 piece mount | £185 or £19 | £3.80 wk | £2.21 wk |
| 4×40 scope & 1 piece mount | £195 or £20 | £4.01 wk | £2.32 wk |

AIR ARMS

**The exciting NEW MODEL from AIR ARMS**

NEW MODEL

# KHAMSIN

Sidelever action

Silencer

2 stage brass trigger

Walnut thumbhole custom stock

**KHAMSIN** model
fitted with:

| | Dep | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| 4×32 scope • 1 piece mount • silencer | £279 or £28 | £5.74 wk | £3.33 wk |
| 4×40 scope • 1 piece mount • silencer | £289 or £29 | £5.94 wk | £3.45 wk |

**All these SUPER COMBINATIONS are fitted with either a TASCO • ASI • KASSNAR 4×32 or an AIR ARMS 4×40 and 1-piece mount Ideal for Hunting & Field Target**

**FEINWERKBAU SPORT MKII**
fitted with:

| | | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| 4×32 scope • 1pm | £199 or £20 dep | £4.09 wk | £2.37 wk |
| 4×40 scope • 1pm | £209 or £21 dep | £4.30 wk | £2.49 wk |

**SHARP ACE**
fitted with:

| | | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| 4×32 scope • 1pm | £195 or £20 dep | £4.01 wk | £2.32 wk |
| 4×40 scope • 1pm | £205 or £21 dep | £4.21 wk | £2.44 wk |

**SHARP INNOVA**
fitted with:

| | | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| 4×32 scope • 1pm | £139 or £14 dep | £2.86 wk | £1.66 wk |
| 4×40 scope • 1pm | £149 or £15 dep | £3.06 wk | £1.78 wk |

**ASI MAGNUM**
fitted with:

| | | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| 4×32 scope • 1pm | £119 or £12 dep | £2.44 wk | £1.42 wk |
| 4×40 scope • 1pm | £129 or £13 dep | £2.65 wk | £1.54 wk |

**WEBLEY OMEGA or carbine**
fitted with:

| | | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| 4×32 scope • 1pm | £179 or £18 dep | £3.68 wk | £2.13 wk |
| 4×40 scope • 1pm | £189 or £19 dep | £3.88 wk | £2.25 wk |

**WEBLEY TRACKER**
fitted with:

| | | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| 4×32 scope • 1pm | £159 or £16 dep | £3.27 wk | £1.89 wk |
| 4×40 scope • 1pm | £169 or £17 dep | £3.47 wk | £2.01 wk |

**WEBLEY VULCAN deluxe**
fitted with:

| | | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| 4×32 scope • 1pm | £163 or £17 dep | £3.35 wk | £1.94 wk |
| 4×40 scope • 1pm | £173 or £18 dep | £3.55 wk | £2.06 wk |

**WEBLEY VULCAN**
fitted with:

| | | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| 4×32 scope • 1pm | £139 or £14 dep | £2.86 wk | £1.66 wk |
| 4×40 scope • 1pm | £149 or £15 dep | £3.06 wk | £1.78 wk |

**BSA VS 2000**
fitted with:

| | | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| 4×32 scope • 1pm | £215 or £22 dep | £4.42 wk | £2.58 wk |
| 4×40 scope • 1pm | £225 or £23 dep | £4.62 wk | £2.68 wk |

**BSA AIRSPORTER STUTZEN**
fitted with:

| | | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| 4×32 scope • 1pm | £195 or £20 dep | £4.01 wk | £2.32 wk |
| 4×40 scope • 1pm | £205 or £21 dep | £4.21 wk | £2.44 wk |

★ NEW MODEL ★

**BSA MERCURY CHALLENGER CARBINE**

| | | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| 4×32 scope • 1pm | £155 or £16 dep | £3.18 wk | £1.85 wk |
| 4×40 scope • 1pm | £165 or £17 dep | £3.39 wk | £1.97 wk |

**ORIGINAL MOD 45**
fitted with:

| | | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| 4×32 scope • 1pm | £145 or £15 dep | £2.98 wk | £1.73 wk |
| 4×40 scope • 1pm | £155 or £16 dep | £3.18 wk | £1.85 wk |

# HUNTING OUTFITS

These superb 'HUNTING OUTFITS' are highly recommended by us for the serious hunter. Each outfit is available with a choice of 'High light intensity scopes' from Tasco • ASI or Kassnar. They are all fitted with 1-piece mounts, with Venom silencers as optional extras.

**WEIHRAUCH 77 or 77K**
fitted with:

| | Dep | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| ASI FM 3-9×56 dusk/Dawn • 1pm | £235 or £24 | £4.83 wk | £2.80 wk |
| Tasco AG 3-9×50 day & night • 1pm | £249 or £25 | £5.12 wk | £2.97 wk |
| Kassnar 3-9×56 PA Night Owl • 1pm | £259 or £26 | £5.32 wk | £3.09 wk |
| Venom Silencer | £ 33 or £ 4 | | |

**WEIHRAUCH 80 or 85**
fitted with:

| | Dep | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| ASI PM 3-9×56 Dusk/Dawn • 1pm | £229 or £23 | £4.71 wk | £2.73 wk |
| Tasco AG 3-9×50 Day/Night • 1pm | £245 or £25 | £5.04 wk | £2.92 wk |
| Kassnar 3-9×56 PA Night Owl • 1pm | £255 or £26 | £5.24 wk | £3.04 wk |
| Venom Silencer | £ 20 or £ 2 | | |

**AIR ARMS KHAMSIN**
fitted with:

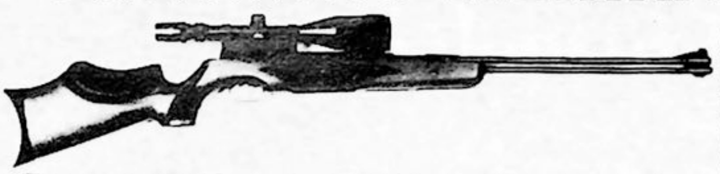
| | Dep | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| ASI FM 3-9×56 Dusk/Dawn • 1pm | £335 or £34 | £6.89 wk | £4.00 wk |
| Tasco AG 3-9×50 Day/Night • 1pm | £349 or £35 | £7.18 wk | £4.16 wk |
| Kassnar 3-9×56 PA Night Owl • 1pm | £359 or £36 | £7.38 wk | £4.28 wk |
| Silencer Included | | | |

**WEBLEY OMEGA**
filled with:

| | Dep | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| ASI FM 3-9×56 Dusk/Dawn • 1pm | £245 or £25 | £5.05 wk | £2.92 wk |
| Tasco AG 3-9×50 Day/Night • 1pm | £259 or £26 | £5.32 wk | £3.09 wk |
| Kassnar 3-9×56 PA Night Owl • 1pm | £269 or £27 | £5.53 wk | £3.21 wk |
| Venom Silencer | £ 20 or £ 2 | | |

WE
INTRODUCE
TO YOU
THE NEW
RANGE OF
GENUINE
**WEIHRAUCH**
**Custom**
**Guns**
from the
Weihrauch
factories in
Germany

# Customised WEIHRAUCHS



This new range of Customised guns from the Weihrauch factory in Germany feature a Tyrolean style French walnut custom stock with full chequering and oil finish. A superb example of workmanship.

| | Dep | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| **WEIHRAUCH 77T Custom** | £199 or £20 | £4.09 wk | £2.37 wk |
| fitted with: | | | |
| ASI 4×32 • 1pm | £256 or £26 | £5.26 wk | £3.05 wk |
| Air Arms 4×40 • 1pm | £266 or £27 | £5.47 wk | £3.17 wk |
| ASI FM 3-9×56 Dusk/Dawn • 1pm | £316 or £32 | £6.50 wk | £3.77 wk |
| Venom Silencer | £ 30 or £ 3 | | |
| **WEIHRAUCH 80T Custom** | £189 or £19 | £3.88 wk | £2.25 wk |
| fitted with: | | | |
| ASI 4×32 • 1pm | £246 or £25 | £5.06 wk | £2.93 wk |
| Air Arms 4×40 • 1pm | £256 or £26 | £5.26 wk | £3.05 wk |
| ASI FM 3-9×56 Dusk/Dawn • 1pm | £309 or £31 | £6.35 wk | £3.69 wk |
| Venom Silencer | £ 20 or £ 2 | | |

FOR OTHER COMBINATIONS SEE **'SHOOTERS OPTION'** SECTION

# SHOOTERS OPTION: WE GIVE YOU THE CHOICE!!!

## EASY CREDIT TERMS OVER 12 & 24 MONTHS

Buy any item separately or decide on your own combination. If you wish to buy just an air rifle or telescopic sight we make it easy for you. Any item can be purchased separately or together for a combination of your own choosing. Just enclose the necessary deposits + £3 p&p.

| **AIR-RIFLES:** | Dep | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| **WEIHRAUCH HW77** | £119 or £12 | £2.44 wk | £1.42 wk |
| Weihrauch HW77K | £119 or £12 | £2.44 wk | £1.42 wk |
| Weihrauch HW80 | £112 or £12 | £2.30 wk | £1.33 wk |
| Weihrauch HW85 | £112 or £12 | £2.30 wk | £1.33 wk |
| Weihrauch Export | £119 or £12 | £2.44 wk | £1.42 wk |
| Weihrauch HW35 | £ 89 or £ 9 | £1.83 wk | £1.06 wk |
| 77T Custom | £199 or £20 | £4.09 wk | £2.37 wk |
| 80T Custom | £189 or £19 | £3.88 wk | £2.25 wk |
| **AIR-ARMS** Khamsin | £220 or £22 | £4.52 wk | £2.62 wk |
| Air-Arms Camargue | £159 or £16 | £3.27 wk | £1.89 wk |
| Air-Arms Mistral AL | £128 or £13 | £2.63 wk | £1.52 wk |
| Air-Arms Firepower | £110 or £11 | £2.26 wk | £1.31 wk |
| **TASCO SCOPES:** | | | |
| Parallax adjusting, satin finish, fog, shock and waterproof | | | |
| AG 3-9×50 Day/Night | £119 or £12 | £2.44 wk | £1.42 wk |
| AG 2-7×32 Wide Angle | £ 99 or £10 | £2.03 wk | £1.18 wk |
| AG 1.75-5×40 | £ 99 or £10 | £2.03 wk | £1.18 wk |
| AG 4×40 Wide Angle | £ 79 or £ 8 | £1.62 wk | £ .94 wk |
| AG 4×32 | £ 62 or £ 7 | £1.27 wk | £ .74 wk |
| AG 2.75×40 | £ 78 or £ 8 | £1.60 wk | £ .93 wk |
| **VENOM SILENCERS:** | | | |
| For Weihrauch 77 or T1K | £ 33 or £ 4 | | |
| For all other guns | £ 20 or £ 2 | | |

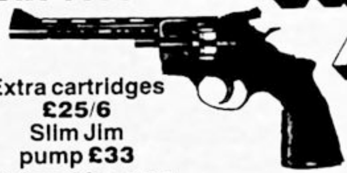
| | Dep | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| **WEBLEY** Omega | £125 or £13 | £2.57 wk | £1.49 wk |
| Webley Omega Carbine | £125 or £13 | £2.57 wk | £1.49 wk |
| Webley Viscount | £110 or £11 | £2.26 wk | £1.31 wk |
| Webley Viscount Carbine | £159 or £16 | £3.27 wk | £1.89 wk |
| Webley Tracker | £113 or £12 | £2.32 wk | £1.35 wk |
| Webley Vulcan deluxe | £115 or £12 | £2.36 wk | £1.37 wk |
| Webley Vulcan | £ 89 or £ 9 | £1.83 wk | £1.06 wk |
| Webley Beeman C1 | £ 82 or £ 9 | £1.68 wk | £ 97 wk |
| Webley Victor | £ 65 or £ 7 | £1.33 wk | £ .77 wk |
| Webley Air Wolf | £ 49 or £ 5 | £1.00 wk | £ .58 wk |
| **FEINWERKABU** | | | |
| Sport MKII | £135 or £14 | £2.77 wk | £1.61 wk |
| Feinwerkbau Sport MKIII | £165 or £17 | £3.39 wk | £1.97 wk |
| **ASI SCOPES:** | | | |
| Parallax adjusting matt finish, instant rangefinder, waterproof, | | | |
| FM 4-12×56 Dusk/Dawn | £119 or £12 | £2.44 wk | £1.42 wk |
| FM 3-9×56 Dusk/Dawn | £ 99 or £10 | £2.03 wk | £1.18 wk |
| FM 3-9×45 | £ 88 or £ 9 | £1.81 wk | £1.05 wk |
| FM 3-9×40 Wide Angle | £ 79 or £ 8 | £1.62 wk | £ .94 wk |
| FM 3-9×32 Wide Angle | £ 77 or £ 8 | £1.58 wk | £ .91 wk |
| FM 4×40 Wide Angle | £ 59 or £ 6 | £1.21 wk | £ .70 wk |
| FM 4×32 Wide Angle | £ 53 or £ 6 | £1.09 wk | £ .63 wk |
| **SPORTSMATCH MOUNTS:** | | | |
| 2-Piece | £ 8 or £ 1 | | |
| 1-Piece | £ 20 or £ 2 | | |

| | Dep | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| **BSA VS 2000** | £158 or £16 | £3.25 wk | £1.88 wk |
| BSA Stutzen | £139 or £14 | £2.86 wk | £1.66 wk |
| BSA Challenger | £ 99 or £10 | £2.03 wk | £1.18 wk |
| BSA Challenger Carbine | £ 99 or £10 | £2.03 wk | £1.18 wk |
| BSA Airsporter S | £135 or £14 | £2.77 wk | £1.61 wk |
| BSA Airsporter | £108 or £11 | £2.22 wk | £1.29 wk |
| BSA Mercury S | £ 99 or £10 | £2.03 wk | £1.18 wk |
| **SHARP** Ace | £139 or £14 | £2.86 wk | £1.66 wk |
| Sharp Innova | £ 85 or £ 9 | £1.74 wk | £1.01 wk |
| **ORIGINAL** mod 50 | £129 or £13 | £2.65 wk | £1.54 wk |
| Original mod 45 | £ 95 or £10 | £1.95 wk | £1.13 wk |
| **ASI** Magnum | £ 69 or £ 7 | £1.41 wk | £ .82 wk |
| **KASSNAR SCOPES:** | | | |
| Parallax adjusting, matt finish, external rangefinder, waterproof | | | |
| 3-9×56 PA 'Night Owl' | £129 or £13 | £2.65 wk | £1.54 wk |
| 6-18×40 PA Wide Angle | £117 or £12 | £2.40 wk | £1.39 wk |
| 3-9×40 PA + traj comp | £ 82 or £ 9 | £1.68 wk | £ .97 wk |
| 3-9×40 PA Wide Angle | £ 93 or £10 | £1.91 wk | £1.11 wk |
| 2-7×32 PA Wide Angle | £ 87 or £ 9 | £1.79 wk | £1.03 wk |
| 4×40 PA Wide Angle | £ 81 or £ 9 | £1.66 wk | £ .96 wk |
| 4×32 PA Wide Angle | £ 68 or £ 7 | £1.39 wk | £1.81 wk |
| **GUNBAGS:** | | | |
| Fleecy Lined (takes scope) | £ 18 or £ 2 | | |
| Weihrauch Gun Bag | £ 26 or £ 3 | | |

● **BUY SEPARATELY OR DECIDE ON A COMBINATION OF YOUR OWN CHOOSING** ●

## ORION SIX .177

saxby palmer



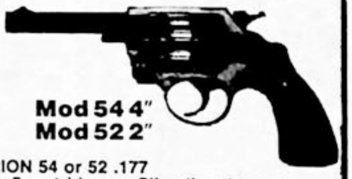
Extra cartridges
£25/6
Slim Jim
pump £33

**Orion Six .177**
with 12 cartridges •
Slim Jim Charger

| | | Over 12 months | Over 24 months |
|---|---|---|---|
| Only | £245 or £25 deposit | £5.04 wk | £2.92 wk |

The world's first recoiless centre fire air revolver

## ORION Mod 54 & 52 .177



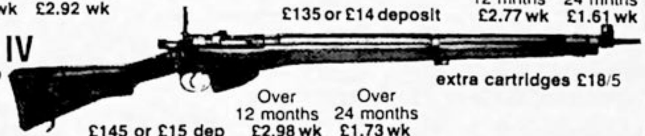
**Mod 54 4"**
**Mod 52 2"**

ORION 54 or 52 .177
with 5 cartridges • Slim Jim charger only

| | Over 12 mnths | Over 24 mnths |
|---|---|---|
| £135 or £14 deposit | £2.77 wk | £1.61 wk |

## NEW LEE/ENFIELD MK IV

Bolt Action repeating air-rifle
• 10 shot mag



extra cartridges £18/5

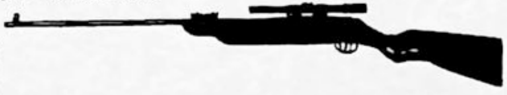
| | | Over 12 months | Over 24 months |
|---|---|---|---|
| LEE/ENFIELD MK IV | £145 or £15 dep | £2.98 wk | £1.73 wk |
| LEE/ENFIELD MK IV complete with portable air charger & 5 cartridges | £199 or £20 dep | £4.09 wk | £2.37 wk |

## 2 SUPER OUTFITS:

These 2 super outfits come complete with telescopic sights • targets • pellets & darts

DAISY PUMP-UP

Only £69.95 or £7 deposit — Over 12 months £1.44 week

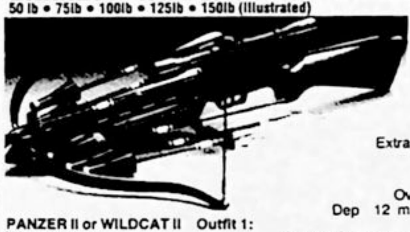


CHINA OUTFIT

Only £49.95 or £5 deposit — Over 12 months £1.10 week

## BARNETT 'WILDCAT II' OR 'PANZER II'

50 lb • 75lb • 100lb • 125lb • 150lb (Illustrated)



Extra bolts £15/5

| | Dep | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| **PANZER II or WILDCAT II Outfit 1:** With 12 bolts | £115 or £12 | £2.36 wk | £1.37 wk |
| **PANZER II or WILDCAT II Outfit 2:** 4×32 scope • mnts • 12 bolts | £159 or £16 | £3.27 wk | £1.89 wk |
| **PANZER II or WILDCAT II Outfit 3:** 4×32 scope & mounts opt pistol grip • sling • fitted Quiver • goats foot cocking lever 12 bolts • foot claw • cam case | £235 or £24 | £4.83 wk | £2.80 wk |

## BARNETT COMMANDO

100lb, 125lb, 150lb, 175lb, 200lb, 220lb

Extra bolts £15/5

| | Dep | Over 12 mnths | Over 24 mnths |
|---|---|---|---|
| **COMMANDO** Outfit 1 with 12 bolts | £185 or £19 | £3.80 wk | £2.21 wk |
| **COMMANDO** Outfit 2 4×32 scope & mounts with 12 bolts | £230 or £24 | £4.73 wk | £2.74 wk |
| **COMMANDO** Outfit 3 4×32 scope & mounts Quiver • sling cam case • 12 bolts | £265 or £27 | £5.45 wk | £3.16 wk |

# UTTINGS GUN CO

**54 BETHEL ST**
**NORWICH, NORFOLK**
**NR2 1NR**
**TEL (0603) 621776**

## EASY CREDIT TERMS

**over 12 & 24 months**
**Flat rate 19%**
**APR 38.6%**
**CREDIT EXAMPLE:**
**Weihrauch 77 outfit**
**£179 or £18 dep**
**£15.94/month**
**Weekly equivalent**
**£3.68 wk**
**T.C.P. £209.28**
**mm. credit charge £12**
**We reserve the right to change finance rates and prices without notice.**

AW

Please send me the following goods:
.................................................... £ .................................... Deposit £ ....................
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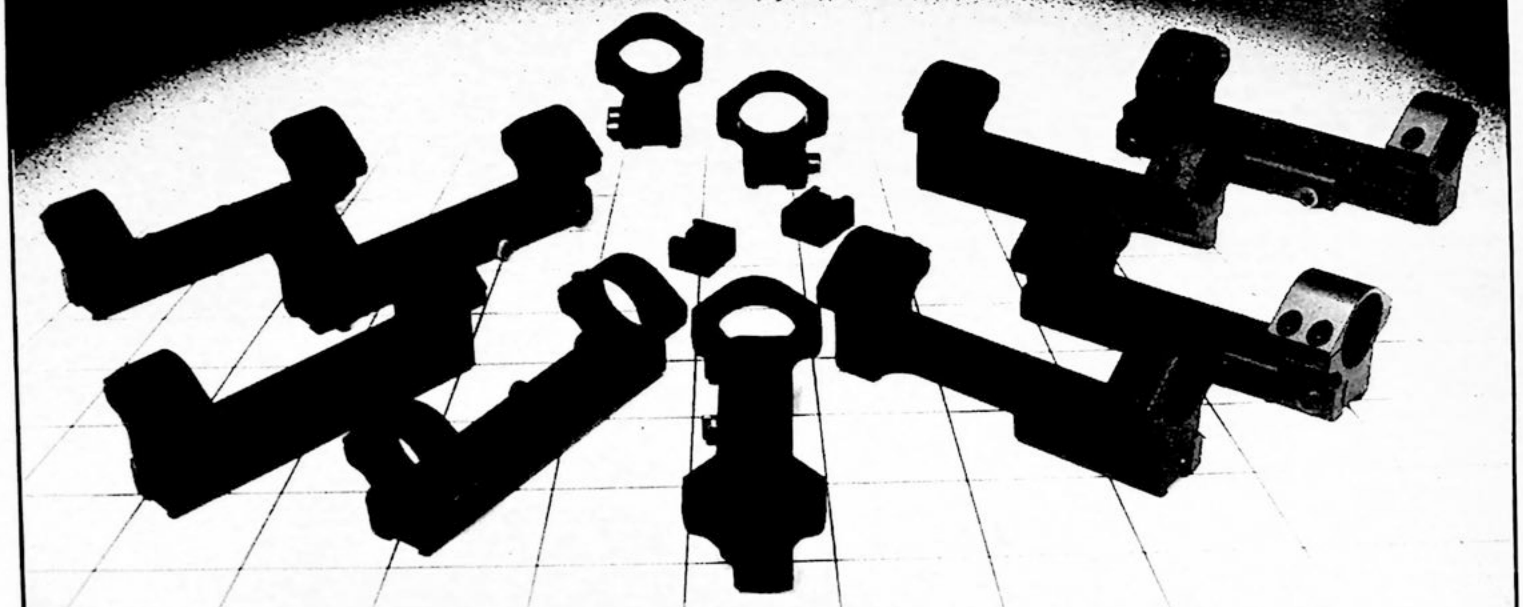
I enclose the deposit/full price of £ ........................................ + £3 p/p (cheque, cash, PO)
or please debit my Credit Card No ........................................ Acces • Visa • A/Express
I wish to take advantage of your credit terms over 12 months ☐ 24 months ☐ (please tick)
NAME ..............................................................................................
AGE ........................................................................ (min 18 for credit)
ADDRESS ..........................................................................................
.......................................................................................................
........................................................................ TEL No. ..........................
Send to: Uttings Gun Co, 54 Bethel St, Norwich, Norfolk NR2 1NR. Tel: (0603) 621776)

# Beneath every good scope there's a mount to match...



# ... a British Sportsmatch Scope Mount

Every serious air weapons enthusiast knows that correct scope mounts are essential if he is to get the best results. Which is why leading manufacturers like Gunmark and Webley & Scott specify and distribute British Sportsmatch Mounts.

Sportsmatch Scope Mounts are made from high tensile aluminium alloy with matt black anodised long lasting finish. They have a unique reversible dovetail clamp which allows the correct fit to all groove widths and the clamping is arranged along the full length of the mount for really firm fixing. They come complete with clamping screws and allen key. Sportsmatch Mounts are available in a wide range of styles to suit almost every type of weapon. They include:—

TWO PIECE TIP OFF LOW
T01 Standard
T02 With stop pin, WH
T05 13mm WH

TWO PIECE 'DOUBLEMOUNT' LOW RANGE
T03 Doublemount Std
T04 With stop pin, WH
T06 13mm WH

TWO PIECE 'DOUBLEMOUNT' HIGH RANGE
HT07 High Std
HT08 With stop pin, WH

ARRESTOR BLOCKS
AB1 Webley
AB2 Omega
AB3 Universal

ONE PIECE LOW RANGE
OP10 Standard
OP12 B.S.A.
OP14 Sharp
OP15 WH Droop Comp.
OP20 Sax. & P Galaxy
OP22 Omega
OP25 Standard (H Screw Top Fixings)

ONE PIECE HIGH RANGE
HOP16 High Standard
HOP17 High B.S.A.
HOP18 High Sharp
HOP19 High WH Droop Comp.
HOP21 High Sax & P Galaxy
HOP23 High Omega

REMEMBER — If the standard mount does not fit efficiently, we make a mount which overcomes the problem.

British Sportsmatch products are now in stock at all good gunshops and are available to the trade from Gunmark Ltd. or Webley & Scott Ltd.

**BRITISH SPORTS MATCH**

Manufactured in Great Britain by J & J Ford Ltd., 16 Summer Street, Leighton Buzzard, Beds LU7 8H7

EST. OVER 25YRS

# Cindy's Shooting Shop

EXIT JUNCTION 26 M1

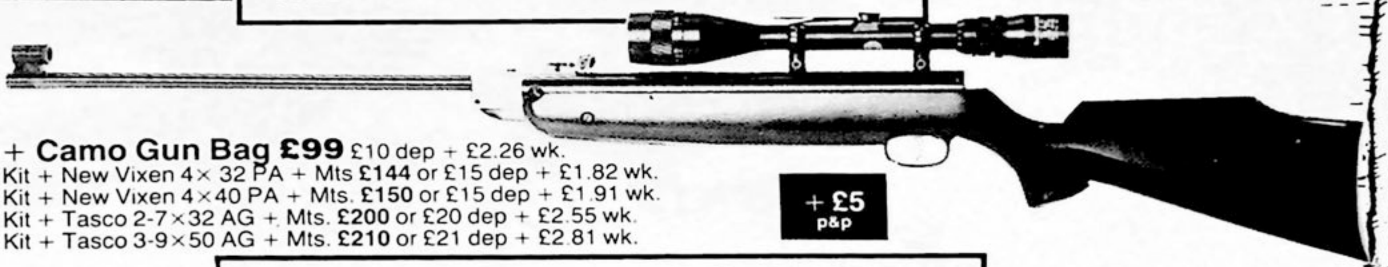
Venom Arms Company
DISTRIBUTOR FOR
THE EAST MIDLANDS

RED LION SQUARE, HEANOR, DERBYSHIRE DE7 7PA.
TEL: (0773) 769600

**THE MIDLANDS LEADING AIRGUN SPECIALIST**

SEE US AT ROYAL BATH & WEST, SHEPTON MALLET. 28-31 MAY STAND A10

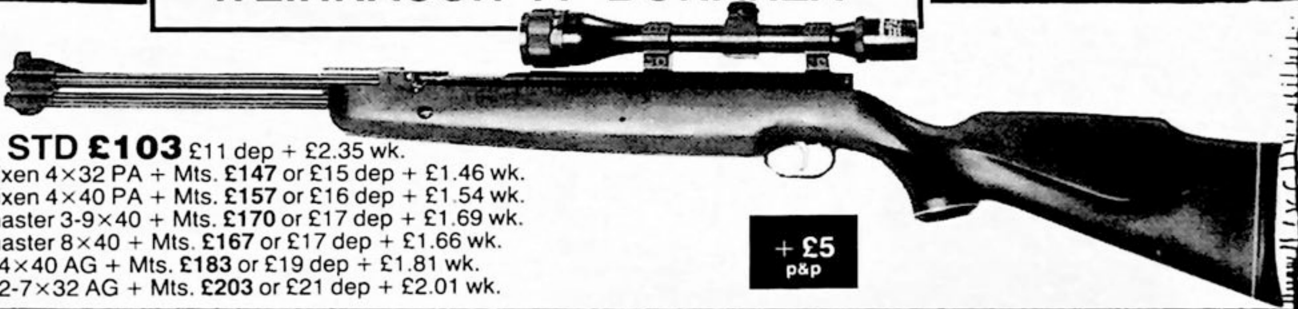
## WEIHRAUCH 80 BONANZA



**HW80 + Camo Gun Bag £99** £10 dep + £2.26 wk.
Bonanza Kit + New Vixen 4× 32 PA + Mts **£144** or £15 dep + £1.82 wk.
Bonanza Kit + New Vixen 4×40 PA + Mts. **£150** or £15 dep + £1.91 wk.
Bonanza Kit + Tasco 2-7×32 AG + Mts. **£200** or £20 dep + £2.55 wk.
Bonanza Kit + Tasco 3-9×50 AG + Mts. **£210** or £21 dep + £2.81 wk.

**+ £5 p&p**

## WEIHRAUCH 77 BONANZA



**HW77K or STD £103** £11 dep + £2.35 wk.
HW77 + New Vixen 4×32 PA + Mts. **£147** or £15 dep + £1.46 wk.
HW77 + New Vixen 4×40 PA + Mts. **£157** or £16 dep + £1.54 wk.
HW77 + Bushmaster 3-9×40 + Mts. **£170** or £17 dep + £1.69 wk.
HW77 + Bushmaster 8×40 + Mts. **£167** or £17 dep + £1.66 wk.
HW77 + Tasco 4×40 AG + Mts. **£183** or £19 dep + £1.81 wk.
HW77 + Tasco 2-7×32 AG + Mts. **£203** or £21 dep + £2.01 wk.

**+ £5 p&p**

## PISTOL PARADE

**Saxby + Palmer**
Orion 6 C/W pump + cartridges **£221**
Deposit £23 + £2.83

Model 52 inc pump + cartridges
Model 54 inc pump + cartridges **£134**
dep £14 + £1.72 wk

HW45 .177 + .22 **£109**
dep £11 + £2.49 wk

45 Walnut stock **£30**

## Venom Arms Company

| | |
|---|---|
| Venomega | **£265** |
| Venom HW77 Varminter<br>Venom HW77 Vantage<br>Venom HW77 Hunter | **£285** |
| Venom HW80 Varminter<br>Venom HW80 Vantage<br>Venom HW80 Hunter | **£265** |

Venom Mts **£20**
Venom slings from **£8**
Venom set back triggers **£15**
Venom trigger shoes **£5**

**PART EXCHANGE CONSIDERED**

## PELLET PARADE

| **Post paid** | .177 | .22 |
|---|---|---|
| Eley Wasp | £1.75 | £2.55 |
| Webley G.P. | £2.30 | £2.90 |
| Beeman Jet | £4.00 | £4.00 |
| Beeman Silver Bear | £2.90 | £1.60 |
| Baracuda/Silhoutte | £2.70 | £1.70 |
| RWS Superdome | £2.10 | £2.80 |
| RWS H. Point | £2.10 | £2.80 |
| RWS Hobby | £1.50 | £2.40 |
| RWS Super Point | £2.10 | £2.80 |
| RWS Diabs | £2.10 | £2.80 |
| H&N Match | £2.35 | £3.40 |

| | .177 | .22 |
|---|---|---|
| Prometheus | £2.85 | £2.85 |
| Prom Truncated | £2.85 | £2.85 |
| Tital Black | | £2.85 |
| H&N Pointed | £2.40 | £1.60 |
| **.20 Cal** | | |
| Beeman Silver Jet | | £3.75 |
| Hotshots | | £1.60 |
| Theoben Pellseat | | £3.50 |
| V.F.G. cleaning pellets | | £2.00 |

+
Extensive range of targets

## "MAGNUM FORCE"

ASI Magnum .22 with silencer MY New Vixen 4×32 PA scope, Camo Gun Bag + sling
only **£119** or £12 dep + £2.68 wk.

| | |
|---|---|
| Magnum Force Kit with Vixen 4×40 | **£129** |
| Magnum Force Kit with Bushmaster 6×40 | **£137** |
| Magnum Force Kit with Bushmaster 8×40 | **£139** |

**+ £5 p&p**

## SAXBY & PALMER .223 ENFIELD

## "HISTORY IN YOUR HANDS"

**£195**
**or £20 dep + £2.52 wk**

Complete with hand pump + 100 NATO Pellets

**CREDIT BROKER**
**CREDIT EXAMPLE HW77K £199 or £20 deposit**

12 months at £17.72 mth TCP £212.64
24 months at £10.29 mth TCP £246.96
36 months at £7.91 mth TCP £284.76

APR 38.6%

PLEASE ADD £5 p&p

If you can afford the best why settle for less.
ALL 'VARMINTER' RIFLES FROM GUNSPORT GUARANTEED FOR FIVE YEARS
*'The ultimate shooting machine'*

VARMINTER

# FROM GUNSPORT

**IV.** HW-77 'Varminter' rifle de-luxe with Varminter 3-9 × 56 FM P/A scope & MTS. **£295 or £30 dep & £6.00 pw 12 mths or £3.46 pw over 24 mths.**

**2V.** HW-77 'Varminter' – carbine de-luxe with mounts Varminter day & night 3-9 × 56 FM P/A with silencer. **£320 or £32 dep & £6.53 pw 12 mths or £3.77 pw over 24 mths.**

**3V.** HW-80 'Varminter' – carbine de-luxe with Varminter day & night 3-9 × 56 FM P/A scope & MTS with silencer. **£299 or £30 dep & £6.10 pw 12 mths or £3.52 pw over 24 mths.**

These 'Varminter' combinations are furnished with selected French walnut stocks, hand polished & checkered (right hand only).

**'ULTIMATE-POWER'**
**'SUPERB-HANDLING'**
**'FANTASTIC-ACCURACY'**

## 'VARMINTER' RIFLES ONLY

| | | |
|---|---|---|
| **19A** | HW-77 'Varminter' – rifle de-luxe | **£199 or £20 dep & £4.05 pw 12 mths or £2.34 pw over 24 mths.** |
| **20A** | HW-77 'Varminter' – carbine de-luxe | **£199 or £20 dep & £4.05 pw 12 mths or £2.34 pw over 24 mths.** |
| **21A** | HW-80 'Varminter' – rifle de-luxe | **£188 or £19 dep & £3.83 pw 12 mths or £2.21 pw over 24 mths.** |
| **22A** | HW-80 'Varminter' – carbine de-luxe | **£199 or £20 dep & £4.05 pw 12 mths or £2.34 pw over 24 mths.** |

## 1st Choice for Dave Boothby

Great Britain International Shooting Team 1976-81 (Proprietor of Gunsport).

# And the Rest of GUNSPORT'S SUPER '20' Field Combinations

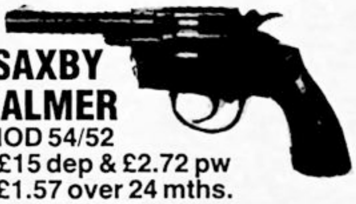
All fitted with 4×40 Tasco-AG wide angled parallax correcting scopes & one piece mount (with 10 year warranty)

| | Deposit | 12 Months | 24 Months |
|---|---|---|---|
| **5.** Weihrauch HW-77 or 77K new mod | £205 or £21 | £4.17 wk | £2.40 wk |
| **6.** Weihrauch HW-80 or 80K new mod | £199 or £20 | £4.05 wk | £2.34 wk |
| **7.** Weihrauch HW-35 export | £199 or £20 | £4.05 wk | £2.34 wk |
| **8.** BSA Airsporter Stutzen | £210 or £21 | £4.28 wk | £2.47 wk |
| **9.** BSA Airsporter S | £199 or £20 | £4.05 wk | £2.34 wk |
| **10.** BSA Mercury Challenger | £169 or £17 | £3.44 wk | £1.99 wk |
| **11.** Sharp Innova | £165 or £17 | £3.35 wk | £1.93 wk |
| **12.** ASI MAGNUM | £150 or £15 | £3.06 wk | £1.77 wk |
| **13.** Sharp Ace | £210 or £21 | £4.28 wk | £2.47 wk |
| **14.** FWB Sport Mk II | £215 or £22 | £4.37 wk | £2.52 wk |
| **15.** FWB Sport Mk III with muzzle weight | £229 or £23 | £4.87 wk | £2.69 wk |
| **16.** Webley Vulcan | £159 or £16 | £3.24 wk | £1.87 wk |
| **17.** Webley Vulcan Deluxe | £185 or £19 | £3.76 wk | £2.17 wk |
| **18.** Webley Omega Rifle or Carbine | £210 or £21 | £4.48 wk | £2.47 wk |
| **19.** Webley Tracker | £180 or £18 | £3.67 wk | £2.12 wk |
| **20.** Original Mod 45 | £165 or £17 | £3.35 wk | £1.93 wk |

**If preferred any of the above can be supplied with a Tasco 3-9×50 AG add £3 to dep. Tasco 2-7×32 W/A add £2. Kassnar or ASI 3-9×56 add £3. Galway Super Silencer add £2 sling & swivel set at £2 or deluxe Varminter padded gun bag lined add £2.**

*For Example:* Webley Vulcan 4×40 AG Tasco WA + 1 pc Mt. £159 or £16 dep and £3.24 pw over 12 months. Total Credit Price £184.48. Typical APR 36.3%. Weekly payments quoted for 12 or 24 months period.

**MAXIMISER GUN LUBE KIT.** Pack contains Abbey LT2/SM50/Moly GN Paste/Silicone Gun Oil 35/Dri-slide and correct instructions for air rifle lubrication. Packaged exclusively for Gunsport. **Price £4.85.**



**SAXBY PALMER**
**MOD 54/52**
**£134.95 or £15 dep & £2.72 pw 12 mths or £1.57 over 24 mths.**
**Add £2 for Mod 54 silencer.**

HW-77/77K available Maximised **£30** extra or £3. Credit add £3 to deposit.

**HW45**
**£99.95 or £9.95 dep & £2.11 pw over 12 mths.**

## SAXBY & PALMER .223 ENFIELD

**£195 or £20 dep or £3.96 pw over 12 mths or £2.29 pw over 24 mths. Price includes pump, scope & bullets. For Tasco 4×40 AG + Enfield scope mount add £13 to deposit.**

***All brand new, boxed and fully guaranteed***
***All prices include VAT***

## We offer a fast efficient mail order service second to none.

***For immediate service or advice on any of the Gunsport Super '20': RING 0709-377406***
***Open 9am to 5pm, Monday to Saturday.***
***Barclaycard/Access Welcome.***
***Written quotations on request. Typical APR 36.3%***

## *GUNSPORT*

*125/127 Wellgate Rotherham South Yorks S60 2NN*

Please send me the following goods:
Super '20' Ref. No. /or Scope No.
I enclose deposit of £ + £3 p&p (chq/cash/PO)
Name:
Address:

Age: (Min. age 18 for terms) Finance required: Yes/No
Indicate period: 12 ☐ 24 ☐ months **paid monthly**
Send to: Gunsport: 125/127 Wellgate, Rotherham.

VISA

# AIRGUN SPARES

OX

Trade enquiries welcome. We export worldwide.

**Hiller Airguns, 92 Chorley Old Road, Whittle-le-woods, Chorley, Lancs PR6 7LD**
*Tel: Chorley (02572) 65489 shop hours. 09.30-05.30 Mon-Sat. LATE NIGHT FRIDAY CLOSE 07.30*

Lists of airguns, spares and books sent free with each order, over £10 or send £1.00 (50 pages) for comprehensive lists' only.
All prices are post paid. IMMEDIATE DISPATCH ON CREDIT CARD ORDERS.

VISIT OUR DISPLAY STAND AT ARMS FAIRS, FIELD SHOOTS & COUNTRY FAIRS

**SPECIAL OFFERS**
**S/H spares "AS NEW"**

| | |
|---|---|
| HW35/80 F/sights | £7.50 |
| HW35/80 F/sight ele. (5) | £1.50 |
| HW35/80 R/sights | £8.00 |
| HW77 R/sights | £9.00 |
| HW77 F/sights | £8.50 |
| HW80 Std stock | £27 |
| HW77 Std stock | £27 |
| Webley Omega Std stock | £27 |

**Prices post paid.**

**BSA METEOR, MK 1/2**

| | |
|---|---|
| Mainspring | £3.00 |
| F/sight blade | £2.00 |
| Breach seal | 75p |
| Leather piston washer | £3.00 |
| F/sight blade screw | 70p |

*Have many other parts, sears, etc.*

**BSA METEOR Please quote serial number prefix letters when ordering.**

| | |
|---|---|
| Standard stock | £18.00 |
| Trigger guard + screw | £2.70 |
| Cylinder end cap | £1.20 |
| Barrel .22 or .177 | £15.00 |
| Barrel pivot pin | 70p |
| Piston complete/seals | £5.50 |
| Piston ring only | 70p |
| F/sight as fitted | £3.50 |
| Super stock | £22.00 |
| Fore-end stock screws (2) | £1.00 |
| Cocking link assem | £4.50 |
| Barrel latch + spring | £2.00 |
| Breach seal | 75p |
| Piston head only + seal | £2.20 |
| R/sight as fitted | £6.50 |
| F/sight hood | £1.00 |
| Sear | £2.00 |

**BSA AIRSPORTER Mk 1 & 2**

| | |
|---|---|
| Mk 2 R/sight (Folding) | £12.50 |
| Sear Mk 1/2 3 & 4 | £7.50 |
| C/king lever thumb piece | £4.50 |
| Fr stock bolt/nut, Mk 1 | £2.50 |
| Mk 2 piston only | £10.00 |
| Trig/sear spring | £2.50 |
| Thumb piece spring | £2.50 |
| Fr stock screws, Mk 2 (pr) | £2.50 |

**MERCURY & AIRSPORTER**

| | |
|---|---|
| Mercury stock | £25.00 |
| F/sight as fitted | £3.50 |
| .177/.22 barrel | £15.00 |
| Barrel latch & spring | £2.00 |
| C/king lever assem | £4.50 |
| Piston sealing ring | 70p |
| Mainspring | £3.50 |
| Stock bolt | £1.00 |
| Thumbcatch | £3.00 |
| Thumbcatch spring | £1.50 |
| Mercury "S" barrel | £18.00 |
| L/tap lever | £1.00 |
| Airsporter "S" stock | £32.00 |
| Mercury "S" stock | £34.00 |
| R/sight as fitted | £6.50 |
| Breach washer | 70p |
| Barrel axis pin | 70p |
| Chamber support bracket | £2.00 |
| Complete piston | £10.00 |
| Sear | £2.50 |
| Stock front screws (pr) | £1.00 |
| Loading tap .22/.177 | £8.00 |
| Airsporter stock | £27.00 |

**CADET/CADET MAJOR.** *Have many S/H and new spares.*

**CADET**

| | |
|---|---|
| Barrels S/H + sights | £15.00 |
| M/spring guide | £1.50 |
| C/king lever | £5.00 |
| Trigger/sear | £8.00 |
| Rearsight | £5.00 |
| Piston washer outer | £4.50 |

**CADET MAJOR**

| | |
|---|---|
| Stock S/H | £12.50 |
| Trigger guard | £6.50 |
| Mainspring | £3.50 |
| Stock bolt | £2.50 |
| Front stock screws (pr) | £3.00 |

**BSA MERLIN & PREWAR RIFLES.**
*Send £1 for list.*

**SCORPION/BUCCANEER**

| | |
|---|---|
| F/sight as fitted | £3.50 |
| C/king lever assem | £4.00 |
| Piston unit complete | £7.50 |
| Breach washer | 70p |
| Piston sealing ring | 70p |
| Safety catch | 70p |
| Grip (Stock) | £6.50 |
| Mainspring | £2.50 |
| R/sight as fitted | £6.50 |
| Barrel .177/.22 | £17.00 |
| Complete trigger mech | £9.50 |
| Piston complete | £7.50 |
| Sear | £1.50 |
| Safety catch screw/washer | £2.00 |
| Cocking aid | £1.50 |
| Grip cap | £1.00 |

*Send 60p for extensive list.*

**WEIHRAUCH SPARES**
**HW35, HW35E & HW80**

| | |
|---|---|
| Rearsight | £17.00 |
| Diopter r/sight | £42.00 |
| Mainspring | £5.50 |
| Barrel axis bolt assem. | £3.50 |
| R/stock screw | £1.50 |
| F/stock screw | £1.20 |
| Piston complete | £10.50 |
| Piston washer assem. | £4.00 |
| Piston washer leather | £3.00 |
| Piston washer nylon | £3.00 |
| Breach seal | £1.50 |
| Cocking lever assem. | £5.50 |
| HW35 STD barrel | £27.00 |
| HW35 Stock STD | £27.00 |
| Trigger guard | £3.50 |
| Breach locking lever | £5.00 |
| F/sight complete | £17.00 |
| F/sight elements (5) | £2.50 |
| Trigger assemble | £27.00 |
| Safety bolt | £5.00 |
| Spring guide | £3.50 |
| Barrel shims (2) | £2.00 |
| Sling swivels | £5.50 |
| HW35L stock RH | £47.00 |
| HW35E stock RH | £47.00 |
| HW35L/35E LH stock | £67.00 |
| HW35E barrel | £27.00 |
| HW80 stock RH | £42.00 |
| HW80 stock LH | £67.00 |
| HW80 barrel | £27.00 |
| HW80 m/spring | £5.00 |
| HW80 piston seal | £3.50 |
| HW80 cocking lever | £5.50 |

**WEIHRAUCH HW77 SPARES**

| | |
|---|---|
| Stock RH | £57.00 |
| Stock LH | £77.00 |
| Front sight | £17.00 |
| Ball catch-spring | £3.00 |
| Cocking arm assem. | £22.00 |
| Cocking lever | £5.50 |
| Stock screws (2) | £1.50 |
| Piston assem. | £17.00 |
| Breach seal | £1.50 |
| Compression tube | £17.00 |
| Piston washer | £3.50 |
| Mainspring | £5.50 |
| M/spring guide | £3.50 |

**PELLETS**

| | |
|---|---|
| .22/.177 darts (10) | 90p |
| 4.40mm lead shot (500) | £2.25 |
| .25 Champion pellets (350) | £4.00 |
| Steel BB's (400) | 85p |
| Pellet Dispensers | £1.00 |
| Silver Bear .177 (500) | £2.60 |
| Silver Bear .200 (200) | £1.80 |
| Prometheus (100) .22 only | £2.25 |
| .25 Antique Darts each | 50p |
| Silver Jet .177 (500) | £4.25 |
| Silver Jet .200 (300) | £4.20 |
| Silver Jet .22 (250) | £4.00 |
| BESA .177 (500) | £1.30 |
| BESA .22 (500) | £1.90 |
| Pylarm .177 (500) | £1.70 |
| Pylarm .22 (500) | £2.60 |
| Gamo Match .177 (500) | £1.25 |
| Gamo Match .22 (250) | £1.15 |
| Webley Flying Scot 500/.22 | £2.60 |
| Webley Flying Scot 500/.177 | £2.10 |
| Webley GP 500/.22 | £2.60 |
| Webley GP 500/.177 | £1.90 |
| Webley Special 500/.22 | £2.10 |
| Webley Special 500/.177 | £1.60 |
| "NATO" bullets .22 (100) | £3.00 |
| Sabo .22 (100) | £2.00 |
| Sabo .177 (200) | £3.00 |
| Milbro Caledonian .177 (500) | £1.50 |
| Discofelts .22 (80) | £1.40 |
| Discofelts .177 (100) | £1.40 |
| Wasp .22 (500) | £2.40 |
| Wasp .177 (500) | £1.60 |
| RWS Diabolo .177 (500) | £1.90 |
| RWS Diabolo .22 (500) | £2.60 |
| RWS Hobby .177 (500) | £1.40 |
| RWS Hobby .22 (500) | £2.30 |
| RWS Superpoint .177 (500) | £1.90 |
| RWS Superpoint .22 (500) | £2.60 |
| H&N Pointed .177 (500) | £2.30 |
| H&N Pointed .22 (200) | £1.60 |
| H&N Silhouette .177 (500) | £2.50 |
| H&N Baracuda .22 (200) | £1.70 |
| H&N Coppa-point .177 (500) | £2.50 |
| H&N Coppa-point .22 (200) | £1.80 |
| H&N Round lead ball .177 (500) | £2.50 |
| H&N Round lead ball .22 (500) | £3.20 |
| RWS Super "H" point .177 (500) | £2.00 |
| RWS Super "H" point .22 (500) | £2.60 |
| Superdome .177 (500) | £2.00 |
| Superdome .22 (500) | £2.60 |
| HN Semi wadcutter hollow point .22 (200) | £1.80 |
| ZS Kulgeln flat head sport .22 (500) | £2.60 |
| ZS Diabolo flat head sport .177 (500) | £1.90 |
| HN "high speed" match .177 (500) | £2.30 |
| HN Match Kulgen flat head .177 (500) | £2.30 |
| HN Match Diabolo Kugeln flat head .22 (500) | £2.50 |
| HN Pointed Diabolo .200 (200) | £1.80 |
| HN Sheridan round head .200 (500) | £2.60 |
| HN Sheridan flat head .22 (500) | £2.60 |
| Eley Match .177 (500) | £2.50 |

**AIRGUN BOOKS**

| | |
|---|---|
| Guns Reviews Back issues | 95p |
| *Airgun from Trigger to Muzzle* | £4.25 |
| *Complete Airgunner (1907)* | £4.80 |
| *HW35/80* — Hughes | £4.00 |
| *Airgun World* back issues | 95p |
| FWB 124/127 — Hughes | £4.00 |
| *Gas/Spring Guns* — Smith | £13.00 |
| *Air Rifles 3rd Ed* — Hiller | £12.50 |
| *Airpistol* — Hiller | £5.80 |
| Both Guides by Hiller | £17.50 |
| *Airgun Book* — Walter | £11.00 |
| *Sporting Air Rifle* back issues | 95p |
| *Airgunner* back issues | £95p |

**BADGES**

| | |
|---|---|
| BSA Large | £1.70 |
| Sporting Air Rifle | £1.20 |
| Abbey Lubricants | £1.20 |
| BSA small | £1.00 |
| Target Gun | £1.20 |
| Webley | £1.20 |
| Air Gunner | £1.20 |
| Scalemead Hustler | £1.20 |
| Shooting magazine | £1.20 |
| Airgun World | £1.20 |
| Airgun Spring | £1.20 |
| AGW metal badge | 80p |
| Hiller Airguns | £1.50 |
| Eley Target badge | £1.20 |
| Eley Crest badge | £1.20 |
| Airforce | £1.20 |

**Mainsprings Only**

| | |
|---|---|
| Diana Model 25/27 | £3.00 |
| Webley Hawks | £3.00 |
| Webley Mk/Sen/Premier | £3.50 |
| Relum Tornado (2) | £6.00 |
| Webley Mark III | £4.50 |
| Diana Model 79/80 | £3.00 |
| Feinwerkbau Sport | £4.00 |
| Webley Vulcan | £3.00 |
| Weihrauch HW35 | £5.50 |
| ASI Paratrooper | £3.50 |
| ASI Sniper | £3.00 |
| Diana G75/G76 | £2.50 |
| Jackal | £3.00 |
| Anschütz 335 (Target) | £3.00 |
| Original Model 45 | £3.50 |
| Hämmerli 400/402 | £3.50 |
| Lion (Chinese) | £3.50 |
| Diana Model 1 | £2.00 |
| Diana Model 15/16 | £2.50 |
| Webley Junior Mk/Mk 2 | £2.50 |
| ASI Magnum | £4.00 |
| Webley Falcon | £4.00 |
| Diana Model 25 | £3.00 |
| Slavia 618 | £2.50 |
| Slavia ZVP | £2.50 |
| Diana Model 27 | £3.00 |
| BSF Model S55 | £3.50 |
| Sterling | £3.50 |
| HW50 | £3.50 |
| Original Model 50 | £4.00 |
| BSF Model 70 | £3.50 |
| UMA Model 62 | £3.50 |
| Walther lgv (2) | £4.50 |
| IGI airpistol | £2.50 |
| Walther LP53 (2) | £4.00 |
| BSF S54 U/L | £3.50 |
| FWB 300SU | £3.50 |
| Original Model 35 | £3.50 |
| BSF Model 60 | £3.50 |
| Haenel Model 303 | £3.00 |
| Anschutz 335 | £3.50 |
| ASI Center | £2.50 |
| Original Model 10 (2) | £4.00 |
| Original Model 6 (2) | £4.00 |
| Anschutz Model 250 (2) | £4.50 |
| Haenel Model 311 | £3.50 |
| Airforce mainsprings | £7.50 |
| "OX" mainsprings | £7.50 |
| Gunmark Phantom | £3.00 |
| ASI Apache | £3.00 |
| ASI Commando | £3.00 |

**Gat Airpistol**

| | |
|---|---|
| Pellet load plunger | £1.50 |
| Mainspring | £1.50 |
| Barrel/washer unit | £3.50 |

**ABBEY PRODUCTS**

| | |
|---|---|
| Silicone Gun oil (bottle) | £1.80 |
| Silicone Gun oil (aerosol) | £2.30 |
| Gun Grease LT-2 | £1.40 |
| Silicone Valve Seal | £1.50 |
| Gun Lube SM-50 | £1.80 |
| Moly G-n Paste | £2.10 |
| A/Gun Maintenance Kit | £6.40 |
| Degreasing Fluid | £2.15 |
| Blu-Gel | £1.80 |
| Metal Protector | £2.40 |
| Silicone Cloth | £1.35 |
| Abbey Badge | £1.20 |
| Gun Rifle oil | £1.20 |
| Silicone Gun Oil | £1.80 |
| Gun-lube SM-50 | £1.80 |
| Metal Protector | £2.40 |
| Honing Compound | £1.20 |
| Barrel Bore cleaner | £1.60 |
| Dryslide | £2.75 |

**AIRLOGIC SILENCERS (Whisperer)**
Silencer with adapter for the following; Webley Victor, Vulcan I and II, Viscount, Tracker, Sirroco and Air Arms, HW80, FWB Sport, Original 45, B.S.A. Airsporter, Mercury, Meteor, Scorpion, Ensign, Airsporter "S", Mercury "S", ASI Magnum, HW80 open sights, and HW77. **£19.50 Post Paid.**
Sharp Innova and Crosman airpistols **£28.50 Post Paid.**
Soundsoakers **£15 inc P&P.**
Airforce silencers **£12.50.**

**WEBLEY MK 3**

| | |
|---|---|
| Walnut stock | £42.00 |
| F/stock screws (2) | £2.00 |
| Loading tap lever | £10.00 |
| Loading tap lever screw | £2.00 |
| Loading tap spr + ball | £2.00 |
| Rear stock screw | £2.00 |
| Rearsight | £12.50 |
| Frontsight | £10.00 |
| Piston washer (outer) | £4.00 |
| Piston washer unit | £6.00 |
| Mainspring | £4.50 |
| M/spring guide | £3.00 |
| Trigger | £8.00 |
| Sear | £10.00 |
| Trig/sear spr | £1.50 |
| Trigger action pins each | £1.00 |
| Trigger action screws (ch) | £2.50 |
| Trigger guard | £5.00 |

**FALCON**

| | |
|---|---|
| Mainspring | £3.50 |
| F/stock screws (2) | £1.50 |
| Barrel latch + spring | £3.50 |
| Barrel axis bolt | £3.00 |
| F/guard screw | £2.50 |
| R/sight only | £3.50 |
| F/sight | £10.00 |
| Barrel axis lock/screw | £1.00 |
| Trigger | £6.00 |
| Sear | £6.00 |
| Breach washer | £1.50 |
| Piston head unit | £6.00 |

**RANGER/JAGUAR/JUNIOR**

| | |
|---|---|
| R/sight as fitted | £5.00 |
| F/sight as fitted | £1.20 |
| Trigger pivot screw | £1.20 |
| Barrel | £18.00 |
| Cocking link | £5.50 |
| Piston complete | £8.50 |
| Piston washer unit | £3.50 |
| Mainspring | £3.00 |
| M/spring guide | £2.50 |
| Trigger + sears | £4.00 |
| Action screws each | £1.50 |
| Trigger guard | £2.20 |
| F/stock screws (2) | £1.50 |
| Barrel latch + spring | 2.00 |
| Breach seal | £1.00 |

*Send £1 for detailed spares lists.*

**WEBLEY JUNIOR AIRPISTOL**

| | |
|---|---|
| Trigger | £4.00 |
| Thumb catch | £4.00 |
| Piston complete | £7.50 |
| Piston washer unit | £2.50 |
| Lonk link (J9) | £2.00 |
| Barrel pivot screw | £1.50 |
| Piston washer screw | £1.00 |
| Action pins each | 70p |
| Mainspring | £2.50 |
| Barrel joint wash | 70p |
| Grip screws (2) | £1.50 |
| R/sight | £2.00 |
| Barrel stirrup | £4.00 |

**WEBLEY PREMIER**

| | |
|---|---|
| Trigger | £7.00 |
| Trigger spring | 70p |
| Sear spring | 70p |
| Action pins (each) | 70p |
| Thumbcatch (Mk2) | £10.00 |
| Thumbcatch belt | £3.00 |
| T/catch plunger + spring | £1.50 |
| R/sight assembly | £3.50 |
| Piston assembly | £6.50 |
| Piston washer | £2.50 |
| Mainspring | £3.50 |
| Breach seal | £4.50 |
| Grip plates (copies) | £5.50 |
| Grip screws (2) | £1.50 |

**WEBLEY HAWKS, Mk 1, 2, 3**
(S/H) = Secondhand.

| | |
|---|---|
| Trigger guard | £2.50 |
| Action pins each | 70p |
| Trigger action pins with circlips (3) | £2.50 |
| F/trigger guard screw | £1.50 |
| F/stock screws (2) | £1.00 |
| Safety slide | £2.00 |
| Breach washer | 70p |
| Cocking lever | £3.50 |
| Barrel stop pin | £1.00 |
| Sear spring | 70p |
| Barrel latch + spring | £2.50 |
| Barrels (S/H) | £15.00 |
| Sear | £2.50 |
| Allen key + Webley tag | £2.00 |
| Trigger | £3.00 |
| R/sight assembly | £9.00 |
| Mainspring | £3.00 |
| F/sight hood | £1.00 |
| Barrel asix pin | £1.00 |
| End chamber pin | £1.00 |
| Piston only | £10.00 |
| Piston rings (2) | £3.50 |
| F/sight | £4.50 |
| Stock + pad (S/H) | £12.50 |

**TRACKER, VISCOUNT + OSPREY**

| | |
|---|---|
| Stock standard | £27.00 |
| Stock walnut (Osprey) | £57.00 |
| Back block only | £10.50 |
| Back block pin | £1.50 |
| Trigger | £3.00 |
| Sear | £3.00 |
| Trigg/sear spring | 70p |
| Trigg adj. screw | £1.00 |
| Trigg pres spring | £1.00 |
| Safety catch | £2.50 |
| Loading tap lever | £2.00 |
| Tap lever screw | 70p |
| Side loading lever | £8.00 |
| S/lvr thumbcatch | £7.50 |
| Sidelever spring | £1.50 |
| Trigger guard | £3.00 |
| F/guard screw | £1.50 |
| R/guard screw | £1.00 |
| F/stock | £1.50 |
| R/sight as fitted | £9.00 |
| F/sight as fitted | £4.50 |
| F/sight hood | £1.00 |
| Piston complete | £8.00 |
| Piston rings (2) | £3.50 |
| Mainspring | £3.50 |
| M/spring buffers (2) | £1.50 |

**VULCAN Mk1/2 VICTOR C1**

| | |
|---|---|
| Stock | £27.00 |
| F/stock screws (2) | £1.50 |
| Trigger guard | £3.00 |
| Trigger plate | £1.00 |
| F/guard screw | £1.50 |
| R/guard screw | £1.00 |
| R/sight as fitted | £9.00 |
| F/sight as fitted | £4.50 |
| F/sight hood | £1.00 |
| Trigger | £3.00 |
| Trigger adj. screw | £1.00 |
| Trigger spring | 70p |
| Sear | £3.00 |
| Trig/sear spring | 70p |
| Trig/action pin set (5) | £2.00 |
| Mainspring | £3.50 |
| M/spring guide | £2.50 |
| Piston assem complete | £10.00 |
| Piston seal | £3.50 |
| Piston seal buffer | £1.50 |
| Cocking link | £3.50 |
| Barrel .22/.177 | £17.00 |
| Breach seal | £1.00 |
| Barrel latch + spring | £2.50 |
| Barrel stop pin | £1.00 |
| Barrel asix pin | £1.00 |
| R/chamber block | £9.00 |
| R/cham/block pin | £1.00 |
| Safety slide | £2.50 |

**HURRICANE, TYPHOON, TEMPEST**

| | |
|---|---|
| Barrel assembly .22/.177 | £12.50 |
| Safety catch | £2.50 |
| Trigger guard | £1.50 |
| Set of action pins (6) | £2.00 |
| Sear spring | 70p |
| Sear | £3.00 |
| Trigger spring | 70p |
| Trigger | £4.00 |
| Breach seal | £1.00 |
| Piston washer only | £2.00 |
| Piston assembly | £6.50 |
| Mainspring | £3.50 |
| Barrel latch | £3.50 |
| F/end cover | £2.50 |
| F/sight guard | £1.00 |
| R/sight as, fitted | £9.00 |
| Grip screws (2) | £1.50 |
| Grips (LH + RH) | £4.00 |
| Grips each | £2.50 |

*Parts diagrams see "Airpistols" pages 169, 171, and 173.*

**WEBLEY OMEGA**

| | |
|---|---|
| Barrel .117/.22 | £32.00 |
| Barrel pivot | £2.50 |
| Bar/pivot lock screw | £1.00 |
| Barrel shims | £1.00 |
| Breach seal | 70p |
| Cocking lever | £5.50 |
| Barl release catch | £2.50 |
| Barl latch + spring | £3.50 |
| Trigger | £4.50 |
| Trig adj. screw | 70p |
| Sear | £5.50 |
| Sear spring | £1.00 |
| Trigger spring | £1.00 |
| Action pins (each) + clip | £1.00 |
| Piston | £10.00 |
| Piston seal | £2.50 |
| Piston back washer | 70p |
| Mainspring | £3.50 |
| Spring guide | £2.50 |
| Body end plug | £12.00 |
| Safety slide | £2.50 |
| F/sight | £5.00 |
| F/sight elements (3) | £3.00 |
| R/sight | £10.50 |
| RH stock | £42.00 |
| LH stock | £47.00 |
| Trigger guard | £4.00 |
| F/stock screws (2) | £2.00 |
| F/trig. guard screw | 70p |
| R/trig. guard screw | £1.00 |
| Sling swivel set | £5.50 |

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| | |
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| Weihrauch, high (droop comp.) | £18.50 |
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| Ensign/Saturn, high | £18.50 |

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**PROMETHEUS**
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**TITAN BACK**
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FAC version export only. *Minimum* velocity
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.177 Prometheus 1200 ft/sec. .177 Titan Black 950 ft/sec

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*Add £5.50 for Securicor and Insurance.*

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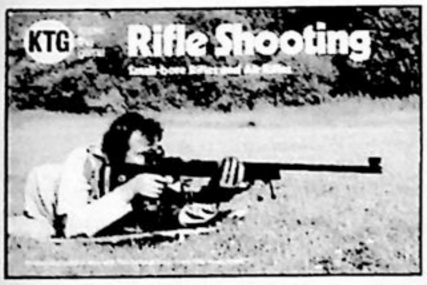
# AIRGUN SCENE

## Read All About It!

Target shooters take note. KTG — know the game — have just announced another book to their extensive range of leisure publications. Called *Rifle Shooting*, the 50 page book deals with all aspects of rifle shooting and covers such topics as shooting techniques, cartridges, competitions and awards.



For the air rifle shooter, the book has a comprehensive section dealing with all aspects of air rifle shooting. Priced at just £1.25, the book is a must for anyone contemplating taking up target shooting.

## The Dominators Are Here!

Everyone wants to be a 'dominator' at field target shoots and now's your chance with the latest stock offering from Airmasters. Called the Dominator, the new walnut stock has been designed for all Weihrauch HW77s, although other models will soon follow. The new stock features extensive chequering for improved grip, an extra high, extra long comb, an off-set butt and a pistol grip with a generous palm swell. The Dominator stock has not been designed purely for field target shooters as the slim, lightweight style makes it ideal for all hunters, being easy to carry without undue fatigue. The price of this piece of woodwork wizardry is £225 — gun included!

Airmasters have also launched some new sew-on cloth badges with the Airmasters logo in green, white and black. If you're an Airmasters fan, why not fly the flag for just 95p plus 15 p&p. Contact Airmasters, 2 Hibbert Street, Luton, Beds LU1 3UU. Tel: 0582 26217.

## Venom Down In Weight

We've just heard that two of the Venom Arms lads have begun a sponsored slim in aid of charity. Charles Fenn and Roger Higgins had a combined weight of 41 stone 11 lbs when weighed on April 1st and will be weighed again on July 1st to see just how much weight they have lost!

The sponsored slim is in aid of Cancer Research and Venom are looking for sponsors who will donate a minimum of 5p per pound lost. This is a very worthwhile cause and should provide a few laughs for all concerned. If you're interested in helping the lads, drop Venom Arms a line at Unit 1, Gun Barrel Industrial Centre, Hayseech, Cradley Heath, Warley, West Midlands.

## Sharpshooters' Sharp Eyes

It would appear that many of our readers have an acute shortage of outdoor clothing judging by the response we received to our April Sharpshooters offer.

Most 'sharp eyed' readers managed to get the questions right and the lucky winners who will each receive a £25 clothing voucher redeemable against any item of clothing in the Sharpshooters clothing catalogue are: S. Vickery, J. Kedward, S. White, R. Smith and A. Nicholls. The correct answers were: Sherman, £3.50, day/dusk, DPM and Beachy Head.

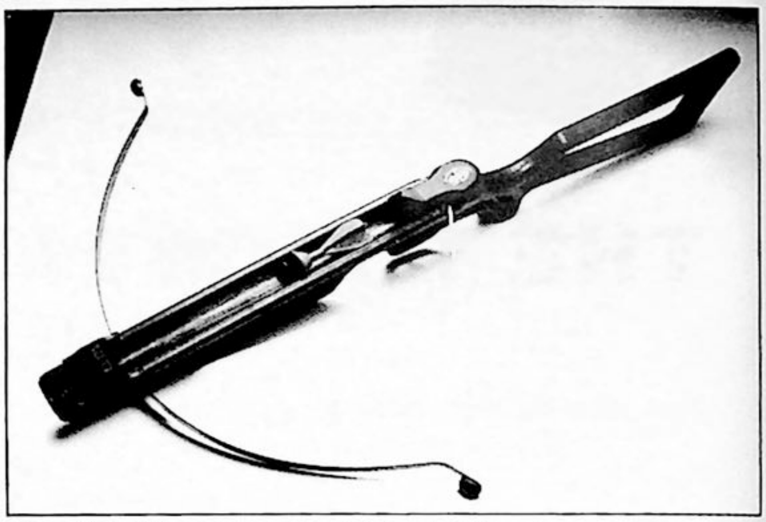
## New Wasps

Mention the name Eley, and their famous Wasp pellets immediately spring to mind. Eley Wasps have always been the firm favourite not just with the individual user, but also many gun manufacturers, too. Now, the Birmingham pellet kings have launched a new .177 heavyweight hunting pellet based on the classic Wasp design.

The initial batches we've seen and tried are just what you've come to expect from this top British company, with excellent shot-to-shot consistency when fired from a variety of air rifles.

For a full test of this new hunting ammunition, read next month's *Shop Window*.

## Barnett Battle Back



**Barnett's new fun packed crossbow — the Bandit.**

Leading crossbow manufacturers, Barnett International, have reacted strongly to the recent national press campaign against the misuse of these weapons. In conjunction with CADA (Crossbow Archery Development Association) they commissioned a strongly argued report compiled by Colin Greenwood to assess the allegations of crossbow misuse and to examine any evidence available. The report's main conclusion is as follows: 'The report concludes that crossbow abuse is at an amazingly low level in every field and that many of the reports of abuse are anecdotal and lacking in substance'.

Barnett hope that they will be able to head off any threatened changes in the legal status of crossbows — and meantime they have launched their super new Bandit junior crossbow.

This super little fun weapon fires rubber capped darts, and its combination of low power and surprising accuracy make it ideal for indoor target shooting for all the family. Check with your local Barnett dealer for details.

Incidentally, whatever the newspapers may say the Bandit is just about as safe as anything which fires a projectile can be. You'd stand more chance of killing a cat with a spud gun!

## Raising The Roof!

We all know that the Theoben Sirocco is a powerful rifle but when we heard that the Cambridgeshire airgun wizards had their factory roof blown off, we must admit that we were a little dubious about the news!

The real cause was the result of one of the freak storms we've all had to endure over the last two months, which removed the roof from Theoben's factory and caused three days lost production. The good news is that Theoben are now back in full swing and trying to make up the lost production time.

## £150 Fine

Sharpshooter's Colin Hodgson has sent us a recent clipping from the *Bexhill-on-Sea Observer* where a man was fined £150 for shooting starlings and a pigeon. It was only after police called at the accused person's house that they discovered that the air rifle had been fitted with a new spring which had increased its velocity to over 12 ft lbs, thereby requiring an FAC. They also discovered that the rifle had been fitted with a silencer which, according to the local police, also needed a certificate.

The police also claimed that both starlings and pigeon are protected species! We all know that we have a moronic fringe in our community, but this is a good example of just how naive the law can be when it comes to airguns and airgun legislation.

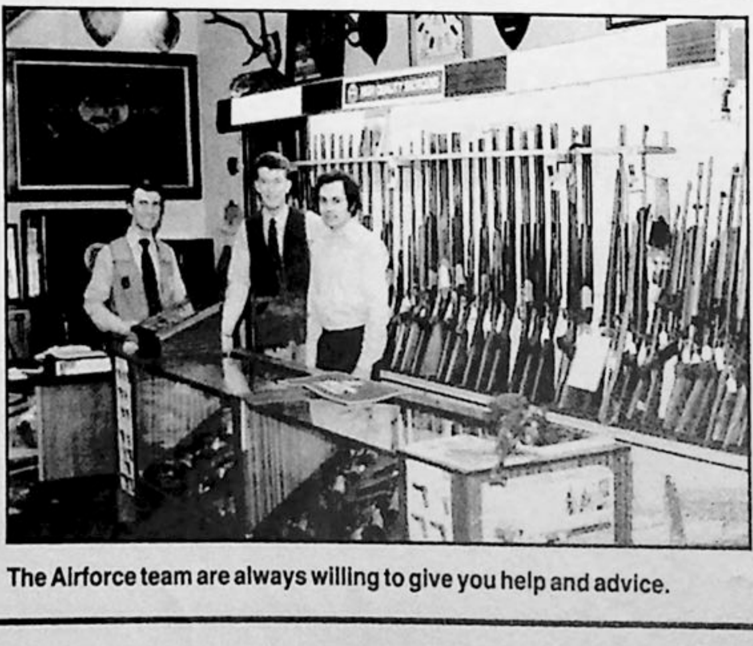
Fitting a new spring to an air rifle may take it over the legal limit of 12 ft lbs, so if you're in doubt about the power of your gun, consult your local gun dealer. The second point to note is the fact that airgun silencers do not require any kind of certification. The only certification required is when silencers are fitted on firearms, details of which should appear on your certificate.

There are many books on firearms and the law and if you're not sure about any aspect of just what you can and cannot do, either contact your local police firearms officer or read any of the books on gun law which should be available from your local library.

## Airforce Up In Arms!

Sheffield based spring specialists Airforce have just taken over the old premises of top gun dealers Arthur Turners. The move from their old base at Guns & Ammo has meant a dramatic increase in floor space enabling them to display a wider and more comprehensive array of guns. Apart from being one of the leading suppliers of springs and air rifle accessories, Airforce have recently added a new silencer to their range to complement the array of cammo gun bags and pellet pouches.

The new move has also meant that Airforce can now offer full workshop facilities for repairs and product development. If you're in the area, the new shop is well worth a visit. Airforce are based at 33-35 West Bar, Sheffield. Tel: 0742 24602.



**The Airforce team are always willing to give you help and advice.**

## See The Latest

Gun giants Parker-Hale have just published their new 88 page catalogue. The Parker-Hale catalogue is probably one of the most comprehensive and best illustrated gun and shooting accessory catalogues available. Included in the catalogue are new products from some of the world's best known manufacturers, with useful reference sections on scopes, target rifles and accessories.

Priced at £3.50, the new catalogue is available direct from Parker-Hale, Golden Hillock Road, Birmingham B11 2PZ.

## Survive In Style

The name of the game is survival, and if you're interested in this fast growing 'hobby' you'll find all you need to survive in style in Britain's first survival shop which is now open in Morland, near Penrith, Cumbria. Run by Survival Aids Ltd, the new shop is stocking nearly 400 different items of clothing and equipment, many of which are ideal for the airgunner.

The shop will also be stocking many of the new items announced by Survival Aids in the last few weeks, including the new Country Ranger range of outdoor clothing, new handmade Hunter and Trekker boots, and a new range of camouflage jackets and trousers. For your free copy of the Survival Aids catalogue write to Survival Aids, Morland, Penrith, Cumbria CA10 3AZ.

## BASC Date

The BASC will be organising a field target shoot at the Game Show due to be held at Broughton Hall, near Skipton on June 29th. In the past the show has proved to be very popular, and should make a great day out for all the family.

## Blast From The Past

Published this month is a great new book giving the first detailed account of the conception, development and production of BSA and Lincoln Jeffries air rifles. Written by P & J Springs' John Knibbs, the book lists all the Lincoln Jeffries and BSA models. Collectors and enthusiasts will be able to trace the development of the various models from their conception in 1904 through to the end of the Great War.

The book is lavished with some superb photographs and patent details, with an extensive and very comprehensive serial number index giving details of manufacturing and despatch dates.

The book has taken John just over seven years of research and study to produce and will undoubtedly become the classic reference book for all BSA enthusiasts.

The book is available by writing to John Knibbs Publications, Gillia, Blackfirs Lane, Birmingham B37 7JE, price £15 plus £1 p&p.

## Harper Conversions

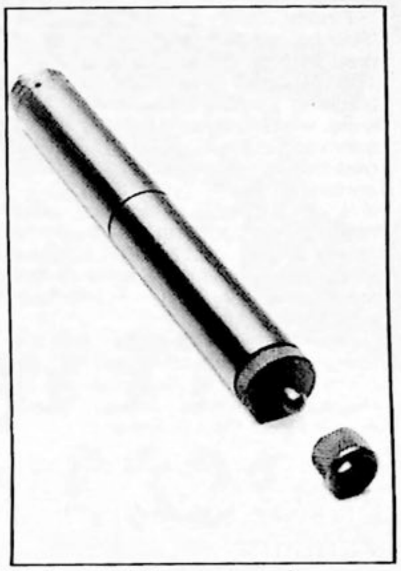
Harper Classic Guns have just released details of their calibre conversion service for owners of Sharp, Weihrauch and Saxby & Palmer weapons. The conversions can either be carried out on a DIY basis or converted by Harper Classic Guns themselves.

Sharp Innova owners can have their guns modified to accept either .177, .22 or .25 calibre barrels while Steve Harper can now offer all Weihrauch HW80 owners a special .25 conversion. Saturn and Orion 6 owners can choose from .22 and .25 conversions while the HW45 pistol is available with a choice of all three calibres.

For full details and prices of the barrel conversions, write to Harper Classic Guns, Northridge, Preston Road, Gawcott, Bucks MK18 4HS.

## The Sound Of Silence

Apart from publishing their new gun and accessory catalogue, Parker-Hale have just added a new sound moderator to their range of shooting accessories. Tests have already shown that the new silencer is ideal for use with reservoir type air rifles, and it is extremely robust and easy to fit.



**Parker-Hale's new sound moderator.**

Known as the MM1, the silencer is of all-steel construction with inner baffles and comes complete with a tool for ease of assembly after cleaning. The silencer is attached to your gun via a ½ inch × 20 TPI thread to the muzzle.

Parker-Hale are already working on a new range of adaptors to fit a wider range of air rifles, details of which we hope to bring to you shortly.

## New Rifles — Not Yet

Any *Airgun World* readers who have been waiting with bated breath for various rumoured new rifles to appear had better take a breath of fresh air — or risk suffocation!

Let's deal with the rifles that will shortly be available first. The long awaited BSA VS2000, for example, should be in the shops by the end of May at the latest — and you'll be able to read our first impressions of this exciting new rifle in next month's issue.

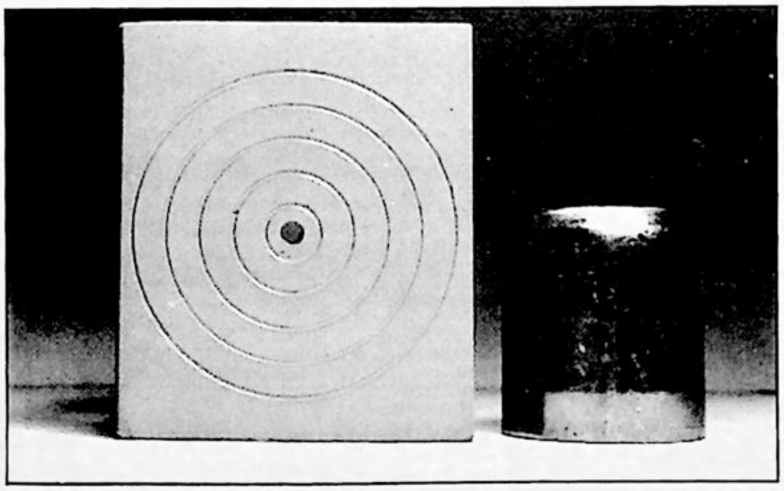
The Weihrauch HW85 — sure to be a hot contender in the sporting break barrel market — should also start to appear at about the same time, although absolute details of the final specification have not been settled at the time of writing.

A new break barrel rifle from Browning Sports — makers of the legendary shotguns of that name — will also be appearing soon, and should create quite a stir if it matches the quality of its smooth bored big brothers. Again, precise delivery dates have yet to be finalised, but the rifle should be around by the end of the summer.

The long rumoured collaboration between Saxby & Palmer and Parker-Hale is probably even further away from your local gunshop. Saxby & Palmer are presently working flat out to meet demand for the rest of their range of rifles and pistols — so you can rule out a new rifle from them until the end of the summer at the earliest.

We can also reveal that there are at least two other new rifles which are well past the drawing board stage. You can rest assured that you'll be able to read about them in *Airgun World* just as soon as they are set to appear. We believe in giving you the news when it is news — rather than speculation!

## Ding Dong!



**Ian Wareing's new bell target.**

No, it's not Avon calling! but a new bell target from *Airgun World* reader Ian Wareing. Bell targets have been around for years and have provided hours of fun for shooters of all ages. The latest offering in bell targets should continue this tradition for many years to come. Made from box sectioned steel with a 3 mm wall thickness, each face of the target's body has various sized target rings ranging from 6 mm to 38 mm allowing the user to test his or her accuracy to the full.

The carbonitrided, case hardened bell is attached to the main body by a spring steel ring, suspended from a ⅝ inch crossbar. Ian tells us that there is no doubt about a hit or a miss as the bell is audible up to 40 yards away. The bell target costs just £13.95 plus p&p, from Ian Wareing, 217 Southport Road, Ulnes Walton, Leyland, Lancs.

# Khamsin Superstar

**Collect this month's coded star and you're already halfway through our Khamsin Super Star competition, in which you could win an Air Arms Khamsin absolutely free!**

**The Khamsin is the flagship of the Air Arms range and is named after the hot dry wind that scours Egypt in springtime. A five star sporting rifle designed for airgun hunters and field target shooters, the Khamsin is a sweet-shooting weapon that offers you all the power and accuracy you could want.**

**But it's not just its lavish looks that make the Khamsin one of the most sought after sporting rifles. Every Khamsin is hand assembled and incorporates all the very latest Air Arms advanced technological achievements. Air Arms believe in giving the airgunner what he wants — and this is reflected in the Khamsin with a host of features fitted as standard rather than as optional extras. Every Khamsin comes complete with a scope arrestor block, an Air Arms silencer and sling swivels, for example.**

**The extent of Air Arms' research and development is apparent as soon as you handle the rifle. The Tyrolean stock has been crafted from the finest walnut, with diamond cut chequering on the pistol grip and fore-end. The ventilated recoil pad has been specially made to demanding specifications, resulting in a perfectly balanced air rifle that's a dream to own.**

**A five star rifle, in fact — but one you could own by collecting six stars and placing them on the entry form we printed in our April issue. Next month, we'll be printing another coded star for you to collect. Don't forget to order your copy now!**

Airgun
World
Grand Draw
June

*continued on page 20*

*continued from page 19*

## A Great Day Out

A great day out for all the family is what's promised at the Game Conservancy's mini game fair being held at Clay Farm, Clows Top, near Kidderminster, Worcestershire on July 19th. The fair will include all the regular favourites we've come to expect from country shows, including a clay shoot, gundogs and a host of trade stands.

For airgunners, a field target shoot is being held with some great prizes up for grabs. The other great news is that all air rifle shooters who arrive at the fair before mid-day will receive free access to the rest of the show. Further details can be obtained from Mr Grinnall on Clows Top 421.

## Take Your Pick

Scalemead have just launched four brand new knives, all of which are ideal for field shooting and hunting. The first is the KM609, a camouflaged knife with a blade length of three inches and a special locking mechanism that allows you to lock the blade in position with one hand — price £16.99.

The Gullwing Multi-tool is just what it says — a knife with a multitude of uses. Made from stainless steel, the knife features include a screwdriver, a bottle opener, a can opener, a signal mirror and two open ended spanners. The knife comes complete with a strong clip to keep everything in position and a tough leather scabbard. Price £18.95 — or £12.95 for the single bladed version.

The third new knife is the KH452, a butterfly knife with a choice of either red or green stained wood. The flat back blade is made from high quality stainless steel and the brass handles are inlayed with wood. With a nine inch blade and a weight of just 164 grams, the KH452 costs just £11.

Finally, Scalemead have gone 'Rambo' with the introduction of their budget priced Rambo knife. The 10 inch distinctive two-tone blade is the main feature of this knife, which boasts a host of useful survival features. Fishing hooks, matches, sewing needles etc are all contained within the knife's body, with the special stainless steel blade also doubling as a signal mirror. At £17.95, anyone interested in owning a knife of this kind should give it serious consideration.

Full details on the complete range of Scalemead knives can be obtained from Scalemead, 3 Medway Buildings, Lower Road, Forest Row, East Sussex.

## On Kew For A Varminter

Congratulations go to Barry Kew from Tilehurst, near Reading as Barry is the lucky winner of our April Venom Varminter competition. He will receive a Venom Varminter Field Target Special complete with one of Venom's 6 × 40 parallax adjustable scopes worth over £370.

## Home Tune

If you're a DIY fanatic you may like to know that a new home tuning kit has just been announced for all Weihrauch HW77 owners by Airforce. The complete kit costs just £15.95 and is very easy to fit using basic hand tools. Further details from Airforce, 33-35 West Bar, Sheffield.

## Den's Whopper!

Dennis Hiller has just published an enlarged third edition of his classic book *The Collectors' Guide To Air Rifles*. The 278 page classic is packed with modern and antique airguns and is a must for any serious collector — or anyone interested in learning about the design and development of the air weapons industry. Useful chapters are included on how to start an airgun collection and the best places to buy antique rifles and pistols. Each of the air rifles and pistols listed is accompanied by a detailed description of its origin and date of manufacture, as well as a handy valuation chart giving the price when new and the approximate value today.

At £10.95 — £12.50 post paid — the book is a valuable asset to anyone interested in learning more about air weapons and their history. Demand is sure to be great so reserve your copy now by writing to Hiller's Airgun Publications, Hiller Airguns, 92 Chorley Old Road, Whittle Le Woods, Chorley, Lancs PR6 7LD.

## Harper Latest

Harper Classic Guns have just released a new silencer which you can fit without having to remove the foresight or modify the barrel in any way. The push-fit silencer is made from a special sound absorbing material, with the exception of the one designed to fit the Sharp Innova, which is made from blued steel.

The new silencers have three baffles and three different air turbulence chambers, making them extremely efficient and robust. At the time of writing, the new silencers are available to fit all Saxby & Palmer revolvers (£11.50), Sharp Innova (£18), Sharp Ace (£10.50) and Weihrauch HW80 (£12.50). Further details from Harper Classic Guns, Northridge, Preston Road, Gawcott, Bucks MK18 4HS. Tel: 0280 812980.

## New Decoy

East Anglian Shooting Products have just released a new pigeon decoy. The new decoy is based on their successful full bodied decoy but moulded to resemble a feeding pigeon to add even more realism to your decoy pattern. The new feeder decoy has a wider tail and is hand painted to a very high standard.

The new decoy and the full range of East Anglian Shooting Products are listed in their new catalogue, which is available by writing to East Anglian Shooting Products, The Street, Helhoughton, Fakenham, Norfolk, price £1.50.

COMPREHENSIVE RANGE OF SPARES FOR ALL OBSOLETE B.S.A.'s & WEBLEY's.

**P & J Springs**
**The Spring Experts**

"TITAN MAINSPRINGS HAVE BEEN SELECTED BY THE AIRGUN CENTRE FOR THEIR AMAZING ZEPHYR 77"

**SPARE PARTS FOR OBSOLETE WEBLEY AIR PISTOLS**

**Webley Junior Air Pistol – MK.1 & Mk.II**

| | |
|---|---|
| Piston | £8.50 |
| Sear | £6.00 |
| Trigger | £5.00 |
| Sear Spring | 60p |
| Trigger Spring | 60p |
| Titan Mainspring | £3.00 |
| Leather Piston Washer Outer | £2.50 |
| Piston Washer Inner | £1.00 |
| Piston Washer Screw | £1.50 |
| Rearsight | £3.00 |
| Rearsight Screw & Washer | £1.00 |
| Barrel Joint Washer & Bush | £1.00 |
| Joint Screw | £2.50 |
| Long Link | £3.00 |
| Short Link | £2.00 |
| Long Link Pin | 60p |
| Short Link Pin | £60p |
| Sear & Trigger Axis Pin | £1.00 |
| Top Catch | £6.00 |
| Top Catch Pin | 60p |
| Top Catch Spring | 60p |
| Stock Grips (Standard Pattern) | per pair £8.00 |
| Stock Grips (Extended Pattern) | per pair £8.00 |

**Webley Mk.I Air Pistol**
**Pre-War Models and Post War Models**

| | |
|---|---|
| Piston | £8.50 |
| Sear | £6.00 |
| Trigger | £5.00 |
| Sear Spring | 60p |
| Trigger Spring | 60p |
| Titan Mainspring | £4.00 |
| Leather Piston Washer Outer | £2.50 |
| Leather Piston Washer Inner | £1.50 |
| Piston Washer Screw | £1.50 |
| Rearsight | £3.00 |
| Rearsight Screw & Washer | £1.00 |
| Barrel Joint Washer & Bush | £1.00 |
| Joint Screw | £2.50 |
| Joint Screw Securing Screw | 60p |
| Long Link | £3.00 |
| Small Link | £2.00 |
| Long Link Pin | 60p |
| Small Link Pin | 60p |
| Top Catch | £6.00 |
| Top Catch Pin | 60p |
| Top Catch Spring | 60p |
| Trigger Adjust Screw Stopscrew | 80p |
| Trigger Adj. Screw | £2.00 |
| Sear, Trigger, Guard Pins | £2.00 |
| Stock Grips (Pre War Slant Type) | per pair £8.00 |
| Stock Grip Screws | per pair £1.50 |
| Stock Grips (Post War Slant Type) | per pair £8.00 |

**Webley Premier/Premier Mk.II Air Pistol**

| | |
|---|---|
| Piston (Premier) | £8.50 |
| Piston (Premier Mk.II) | £6.00 |
| Sear (Premier) | £6.00 |
| Sear (Premier Mk.II) | £6.00 |
| Trigger (Premier) | £5.00 |
| Trigger (Premier Mk.II) | £5.00 |
| Sear Spring | 60p |
| Trigger Spring | 60p |
| Piston Washer (Premier) | £2.50 |
| Piston Washer Screw | 60p |
| Piston Washer (Premier Mk.II) | £2.00 |
| Rearsight Horizontal | £1.50 |
| Rearsight Vertical | £2.00 |
| Rearsight Screw & Washer | £1.00 |
| Titan Mainspring | £4.00 |
| Stock Sides (Black Premier) | per pair £8.00 |
| Stock Sides (Premier Mk.II) | per pair £5.00 |
| Barrel Joint Washer & Bush | £1.00 |
| Barrel Joint Screw | £2.50 |
| Screw Securing Joint Screw | 60p |
| Long Link | £3.00 |
| Small Link | £2.00 |
| Intermediate Link | £4.00 |
| Long Link Pin | 60p |
| Small Link Pin | 60p |
| Barrel Link Spring | 60p |
| Barrel Catch (Premier) | £12.00 |
| Barrel Catch (Premier Mk.II) | £8.00 |
| Barrel Catch Spring | 60p |
| Barrel Catch Plunger | £1.00 |
| Barrel Catch Joint Screw | £1.50 |
| Stock Screw Premier | per pair £1.50 |
| Stock Screw Premier Mk.II | per pair £1.00 |
| Stock Pin | 60p |

**Webley Senior Air Pistol**

| | |
|---|---|
| Piston | £8.50 |
| Piston Ring Phosphor Bronze | £6.00 |
| Sear | £6.00 |
| Trigger | £6.00 |
| Trigger Spring | £1.00 |
| Rearsight Horizontal | £1.50 |
| Rearsight Vertical | £2.00 |
| Rearsight Screw & Washer | £1.00 |
| Barrel Joint Washer, Leather with Bush | £1.00 |
| Barrel Catch | £12.00 |
| Barrel Catch Spring | 60p |
| Barrel Catch Plunger | £1.00 |
| Barrel Catch Stop Screw | 60p |
| Barrel Joint Screw | £2.50 |
| Screw Securing Joint Screw | 80p |
| Long Link | £3.00 |
| Small Link | £2.00 |
| Intermediate Link | £4.00 |
| Barrel Link Spring | £1.60 |
| Trigger Guard | £10.00 |
| Long Link Pin | 60p |
| Small Link Pin | 60p |
| Stock Sides (Brown) | per pair £8.00 |
| Stock Pin | 60p |
| Stock Screw | per pair £1.50 |
| Titan Mainspring | £4.00 |

For all spares orders, add 60 pence postage & packing — U.K. mainland only
Cheques or P.O.'s should be made payable to P. & J. Springs.

**P. & J. SPRINGS, The Spring Experts,**
**Gillia, Blackfirs Lane, Birmingham B37 7JE.**
**Telephone: 021-779 3391 Office Hours.**

# Zephyr Zensation!

The Airgun Centre's Zephyr 77 has set new standards in airgun technology.

## Win a Zephyr 77 worth £325

**WE'VE DONE IT AGAIN! *Airgun World* was the first to bring you the exclusive news about The Airgun Centre's 'non-stick' winner' — the Zephyr 77. Now, we've managed to secure one of these 'space age' rifles worth over £300 as this month's exclusive competition prize for *Airgun World* readers.**

**Based on the award winning Weihrauch HW77K, the Zephyr 77 has set new standards in airgun technology. The combination of Theoben's extensive research and development and the airgunning know-how of John Stevens at The Airgun Centre have resulted in a rifle that was awarded maximum marks when reviewed by our *Gun Test* team.**

**The Zephyr 77 is a rifle that you simply cannot fault. A quick glance at the Zephyr 77 will tell you that it is a very 'special' rifle. In fact it was so special that we had a tough time getting it back from our *Gun Test* writer Wally Pope. The power is right on the legal limit and although heavier than most rifles, the Zephyr 77 has excellent stability and balance.**

**Aesthetically, the Zephyr 77 is superb. But behind the deep, highly figured French walnut stock and fore-end lies its revolutionary power plant. Extensive use of PTFE and the patented Theoben designed Zephyr piston have produced an action that is as smooth as silk, with virtually no recoil. If you're looking for impeccable group sizes, look no further, as the Zephyr 77 has match rifle capabilities in terms of accuracy.**

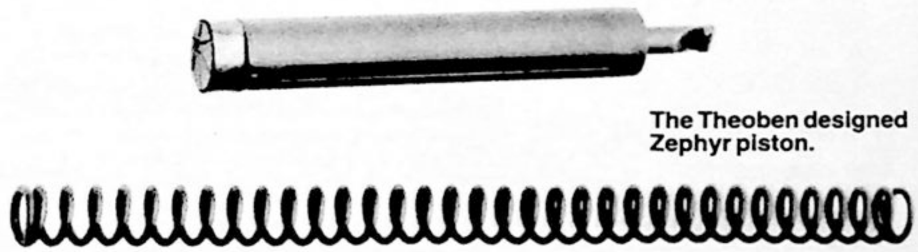
**This is an exclusive chance for you to win the very latest in modern day air weaponry — a £325 rifle for just 80p!**

## HOW TO ENTER

All you have to do to win this superb rifle is to study The Airgun Centre's advertisement in this issue to find the answers to the six questions listed on the entry form.

Once you have found the answers, send your completed entry form, together with a cheque or postal order for 80p made payable to *Airgun World* to the address on the form. The closing dates for entries is **Friday June 13th** and the correct answers and the winner's name will be published in our August issue.

Persons, or relatives of persons, involved in the preparation of this competition may not enter.



The Theoben designed Zephyr piston.

## ENTRY FORM

1. The Airgun Centre is based in which county? ..............................
2. On which two days each week is The Airgun Centre closed? ..............................
..............................
3. The Zephyr 77 is available with a choice of two scopes. What are they? ..............................
4. What is guaranteed for life? ..............................
5. What has incredible poor light performance? ..............................
6. The Airgun Centre makes .............................. easy!

**Name** ..............................

**Address** ..............................

.............................. **Tel. No.** ..............................

If you are under 17 an adult must sign on your behalf and give his/her name and address ..............................

..............................

..............................

I enclose a cheque/PO to the value of 80p made payable to *Airgun World*. In the event of a tie there will be a draw to decide the winner.

If you don't want to spoil your copy of *Airgun World* by cutting out this entry form, just write your answers clearly on a piece of paper. Send your entry form to **Zephyr Competition, Airgun World, 10 Sheet Street, Windsor, Berkshire SL4 1BG.** The closing date for entries is **June 13th.**

# KNOK DOWN AIRMASTERS

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SPECIALISTS IN PRECISION CUSTOMISED SPORTING AIR WEAPONS & EQUIPMENT (SCOPES, TARGETS ETC).

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The only air weapon in the world specifically designed for the field target "Professional".

## THE MASTERSPORT F.T.S.

**Price 77FTS (as illus) £365**

Butt hook, scope, mounts, and match trigger extra.
Credit terms Available

Features:
- Mastertuned Action, for the ultimate smoothness and consistency.
- Numerous optional functional and/or cosmetic extras available to choice. .177, .20, .22 or .25 calibre
- Completely NEW Field Target Style Walnut stock
- Adjustable cheek piece – variable to suit any Shooting style or position
- Adjustable Butt plate or hook – to give infinite variability, and rock steady anchorage
- Vertical pistol grip, with generous palm swell, horizontal thumb shelf, vertical thumb shelf, and a genuine thumb hole for maximum control and precise trigger release.

**STOP PRESS:** Congratulations to Mark Cammocio (Mastersport FT) and Roger (Ramjet) Cameron, (Mastersport FTS Chameleon), on their magnificent scores of 25 ex 25 in the Airgunner vs Markyate challenge event.

**Price 77FT (as illus) £295**

Adjustable butt plate, scope, and mounts extra.
Credit terms available.

## THE MASTERSPORT F.T.

**Features:**
- **Mastertuned action for ultimate smoothness and consistency.**
- **Genuine thumbhole walnut stock with vertical and horizontal thumb shelves for precise trigger control.**
- **New Airmasters exclusive extra wide hand chequered forend, with scalloped finger grips for standing, sitting, or prone shots with complete control. (As FTS)**

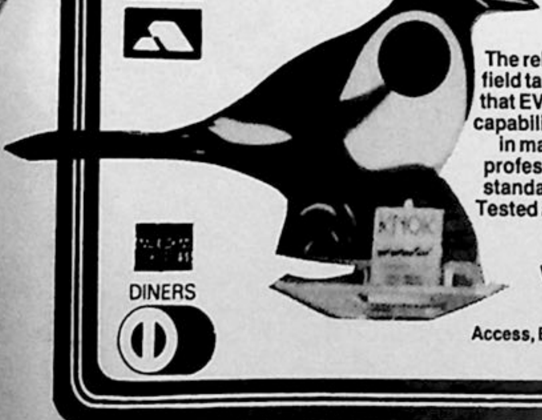
**Price 77 Dominator (As illus) £255**

Scope and mounts extra.
Credit terms available

## *Introducing* THE MASTERSPORT DOMINATOR

Features:
- A Brand New expertly designed stock, specifically for the keen Field Target Sportsman, who wishes to utilise the superb accuracy of the Mastersport 77 for both competition and hunting.
- Top grade hand chequered walnut, with extra high comb and Airmasters Exclusive palm filling forend, for superb control in awkward firing positions.
- Set off butt, with a generous pistol grip palm swell, and vertical thumb rest, for precise shooting in the field.
- Slim, weight saving style, to enable a full day's shooting with the heavy HW77 action without undue fatigue.

**THE FIELD TARGET RIFLES OF TOMORROW – FOR THE WINNERS OF TODAY**



## KNOKDOWN TARGETS

The reliable targets. Built with care, to operate with precision. If you own an expensive field target rifle, or travel hundreds of costly miles to compete, then you need to KNOW that EVERY target will operate correctly EVERY time. Only ONE target has the PROVEN capability to meet this vital criterion. Only one target has five years of faultless operation in major and minor championships throughout the world to its credit, the target the professionals trust, the target Air Gunner called "The Rolls Royce of Field Targets, the standard by which all other Targets are judged", the Matchless KNOKDOWN TARGET. Tested and approved through constant use by Webley and Scott, Airmasters, and all top Field Target Clubs.

*REMEMBER: Low price is a poor substitute for quality and reliability.*
WHEN ONLY THE BEST WILL DO, IT HAS TO BE – KNOKDOWN TARGETS

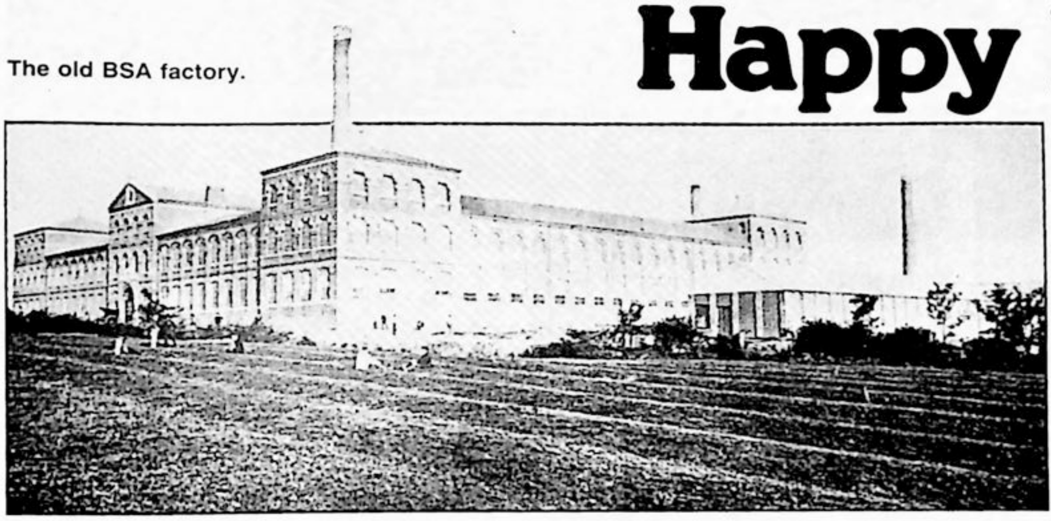
VISA

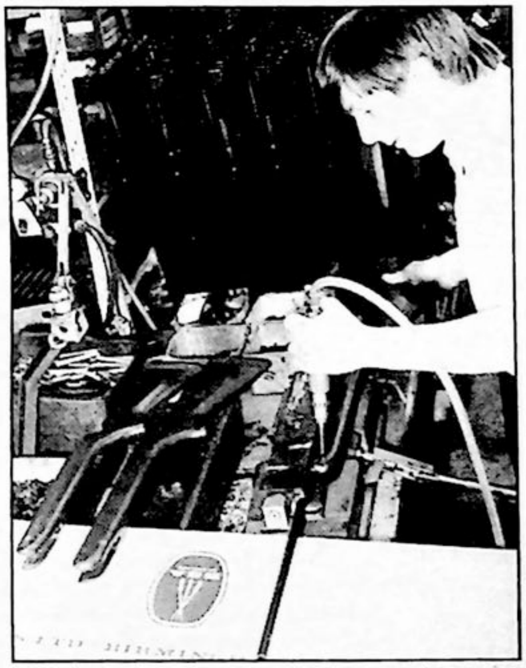
DINERS

(off M1 at Junction 10, A6 to Luton, turn right at second set of lights at bottom of hill).
Access, Barclaycard, American Express and Diners card accepted. Opening Hours 9.30 – 6.00 Mon.-Sat.
Easy terms available.

# Happy Birthday BSA

### BSA expert John Knibbs celebrates a remarkable anniversary


The old BSA factory.


BSA have invested heavily in new plant and machinery.

EVER SINCE GUNS were developed for military and sporting use, Birmingham has been the centre of the gun manufacturing trade. Ideally situated in the centre of England close to charcoal, iron ore and coal supplies, Birmingham gunmakers have been renowned for their craft and skills from Elizabethan times.

The gun trade in those days, and through to the middle of Queen Victoria's reign, was not consolidated but was composed of hundreds of small, often family, businesses, each making one or more parts of a gun which was passed from tradesman to tradesman until finished. Although this system produced some very fine functional pieces, it was extremely unpredictable and unreliable as far as delivery dates and supply were concerned.

To fulfil government contracts, many gunsmiths joined forces to handle large repetition orders which seemed to work quite well in the days when hand labour was cheap. By the end of the Napoleonic wars, over 500,000 guns were being made annually by over 7,000 gunsmiths and their workers.

During the Crimean War the government had such numerous difficulties in obtaining the required production of guns from Birmingham that they installed some new machinery in their own Arms Factory at Enfield Lock. At that time an attempt had been made to improve the situation when 14 of the largest Master Gunsmiths in Birmingham formed themselves into The Birmingham Small Arms Trade Association in 1854. Seven years later they too decided that in order to compete with the government's own arms factory, they would have to install machinery in order to make rifles with interchangeable parts.

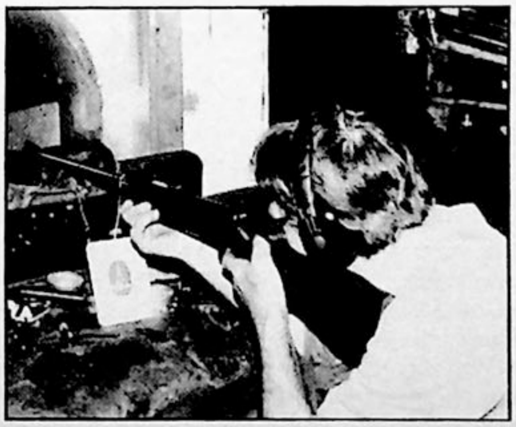
They had a meeting on June 7th, 1861 at which was formed The Birmingham Small Arms Company Limited. This was known from its formation by its three initial letters BSA and this month the world famous company and leader in the airgun field is celebrating its 125th anniversary — an achievement of which I am sure they are justly proud and for which also today's airgunners should be thankful. Without BSA's involvement in airgun manufacturing, undoubtedly the design and development of air weapons would not have progressed to its present high standard.

With its newly acquired capital of £50,000 in £25 shares, the company purchased 25 acres of land on the outskirts of Victorian Birmingham at Small Heath, where the present gun factory still stands. In 1861 Small Heath was deep in the country and one of the conditions of the BSA development was that the newly formed Great Western Railway Company would build a station nearby to service the new factory. This was agreed and the new station was linked to the factory by the now famous Armoury Road. Several courts of small family houses were built along one side of this road to accommodate BSA factory workers.

Orders and contracts for the new company did not materialise as expected, and it was over five years before the first government contract was granted to convert 100,000 muzzle-loading muskets to the new Snider breech loading system. By utilising a previously unheard of night shift, BSA was able to produce conversions at the rate of 3,000 per week, proving beyond question the superiority of well supervised, modern machinery over the unreliable sub-contracting system. BSA were now the largest privately owned arms factory in Europe.

As the company relied very heavily on contracts for military arms from the British and foreign governments, there were several periods when such contracts were finished and new ones were not forthcoming. During these slack periods, it was difficult and costly to keep the work force employed.

Between 1870-1871, BSA made nearly 70,000 Snider military rifles immediately after which no more contracts were granted. But in 1873 an order was received from the Prussian government for 40 million 11 mm cartridge cases. In order to accept this order and to keep the work force employed, the company purchased the nearby metal rolling mills at Adderley Park and in that year the Company was reconstituted as The Birmingham Small Arms and Metal Company Ltd. This title was used for more than 20 years, during which time work was so short that several times the factory closed down altogether.


Every weapon is tested before despatch.

The saviour of the company in 1880 was Mr E.C.F. Otto, who managed to persuade the directors of BSA to manufacture his new bicycle. This was a strange affair in which the rider sat between two large wheels and steered the machine by applying a brake to either wheel, very much like a modern tank! Mr Otto rode his contraption several times up and down the large boardroom table in front of the astonished directors, before proceeding down the twisting staircase into Armoury Road at a reckless pace towards Birmingham city centre. BSA had now entered the field of bicycle manufacture for which they were to become almost as famous as in the airgun field.

*continued on page 24*

Below: All BSA barrels are checked for straightness.

Above: BSA became involved in air rifle production in 1904.

continued from page 23

Orders were very sporadic up to 1900, but in 1881 the world famous BSA trade mark of the three crossed rifles or 'Piled Arms' was officially registered. At the outbreak of the Boer or South African War in 1900, a large order was received for Lee Metford rifles, but after peace was declared again the factory was without work and The Birmingham Small Arms and Metals Company was dissolved in 1902. The Adderley Park Mills were sold off to Nobel Explosives Ltd who were later to be part of the ICI — now Eley — group. It was here that the famous Adder air rifle pellets were made.

BSA became involved in air rifle production in 1904 when, like Mr Otto 24 years previously, Mr George Lincoln Jeffries demonstrated his patent fixed barrel, underlever cocking, tap loading air rifle which was to revolutionise air rifle design and concept in later years.

Until this period early in Edward VII's reign, airguns were really no more than dangerous toys. Not until Lincoln Jeffries had perfected his new design could airguns be used for serious target or sporting work. The decision to undertake manufacture of the Lincoln Jeffries patent air rifle was probably the best commercial judgement the company has ever made.

In 1905 BSA agreed to manufacture the new air rifle for Lincoln Jeffries under his trade name of 'Lincoln', and at the same time to produce their own version of the Lincoln called 'The BSA Air Rifle', which they would make under licence to Lincoln Jeffries.

Both companies carried out extensive development work on the new air rifle and up to the end of the Great War the air rifle took on many improvements and modifications. It was made in three calibres, six different lengths and 25 different variations.

During the Great War BSA turned their production to supplying the war effort. At one stage 10,000 Lee Enfield rifles a week were leaving the Birmingham factory. In fact, BSA made over 1½ million rifles as well as over 145,000 Lewis machine guns during the 1914-18 war. It may surprise many readers to learn that air rifles were in production throughout the Great War. It was considered at that time — and quite rightly, too — that marksmanship was essential to the training of a good soldier, so air rifle shooting was much encouraged.

Modified air rifles were also used to teach correct field and naval gun laying and BSA supplied 100 or so modified air rifles to the War Office for this purpose. To increase production capacity during the War, a new site on the Coventry Road at Small Heath was purchased and an additional factory erected.

After the Armistice, demand for small arms fell immediately and again the future of the company was under threat. It was decided to split the giant BSA Company into three subsidiaries — BSA Cycles Ltd, BSA Tools Ltd and the only company still in business, BSA Guns Ltd.

Between the two wars BSA Guns Ltd found that times were very hard. There were few military contracts and the work force was kept in employment making shotgun tubes, shotguns, sporting rifles and, of course, the famous Light and Standard pattern air rifles so eagerly sought by collectors and airgunners today. To keep the work force in full employment the BSA Guns Ltd works made many unassociated products such as BSA wireless sets or radios, horse shoes, shoe trees and roller skates.

When war broke out again in 1939, however, the factory and work force were ready to serve King and Country and production commenced immediately on Lee Enfield rifles, Browning and Besa machine guns, anti-tank rifles, gun carriages and cannon shell cases. Arms production was not just concentrated at Small Heath, as at Redditch and Shirley war time 'Shadow Factories' were constructed. Shirley was to be the main gun making factory of BSA Guns right up until 1964, as the main factory at Small Heath was very badly damaged by the Luftwaffe in 1940 in a raid in which 53 employees were killed.

Shirley was the birthplace of the Cadet, Cadet Major, Merlin, Airsporter, Club and — most famous of all air rifles — the Meteor of which BSA have made over 1,500,000 since its introduction in 1959.

The Shirley factory closed in 1964, again due to lack of government orders, and gun production moved to the old machine gun and power unit factory in Redditch. Alas, foreign competion and rising manufacturing costs led to the collapse of the BSA Group of companies in 1973, but BSA Guns Ltd was re-organised as a separate trading body and returned to its original site at Small Heath — back in Armoury Road to be precise.

The Small Heath plant was becoming more and more expensive to operate as a viable unit so in 1983 the works of BSA Guns Ltd were completely re-organised and part of the site was redeveloped and re-quipped for modern gun production. Many new models have been introduced to the world's airgunners, the latest being the Challenger and the new Airsporter Stutzen — not forgetting the Scorpion and Shadow Carbine.

In 1985 BSA Guns was purchased by James Edmiston who is continuing to uphold the superb gunmaking skills of the company, as well as injecting new innovations to one of the oldest arms firms in Europe.

What other company in the world can boast such a long, uninterrupted history of gunmaking and a continuing manufacture of air weapons for the past 82 years? Without the development and design of air weapons by BSA, not forgetting Lincoln Jeffries, current air rifle design would certainly not have reached its present state. After all, most of the new developments hailed as revolutionary are based on original BSA or Lincoln Jeffries patents.

The millions of BSA airgun owners throughout the world not only possess a splendidly engineered piece of airgun technology, but also a gun that can trace its origins back to the Crimean War. I am sure that all proud BSA gun owners will join me and *Airgun World* in wishing the company a Happy 125th Anniversary. Let us hope that they will continue for a second term of 125 years to enable our successors to enjoy their products as much as we now do.

**Acknowledgements:** *BSA Centenary Group News, 1961; The Airgun Book 3rd Edition* – John Walter; *BSA and Lincoln Jeffries Air Rifles* – John Knibbs.

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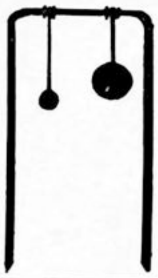

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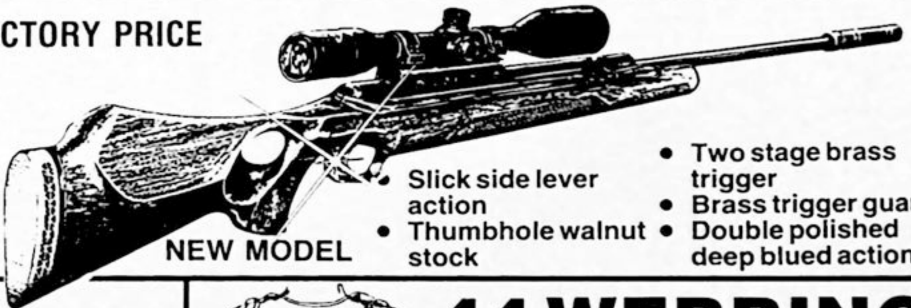

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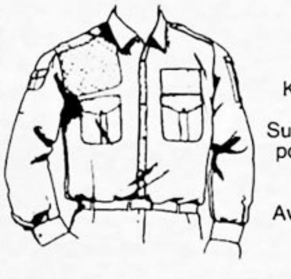

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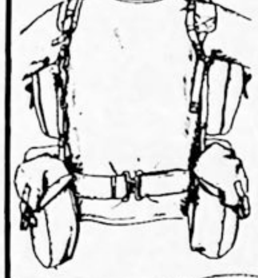

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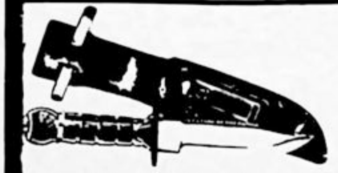

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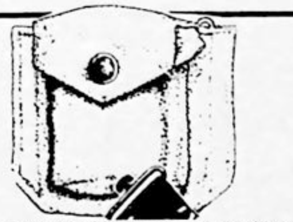

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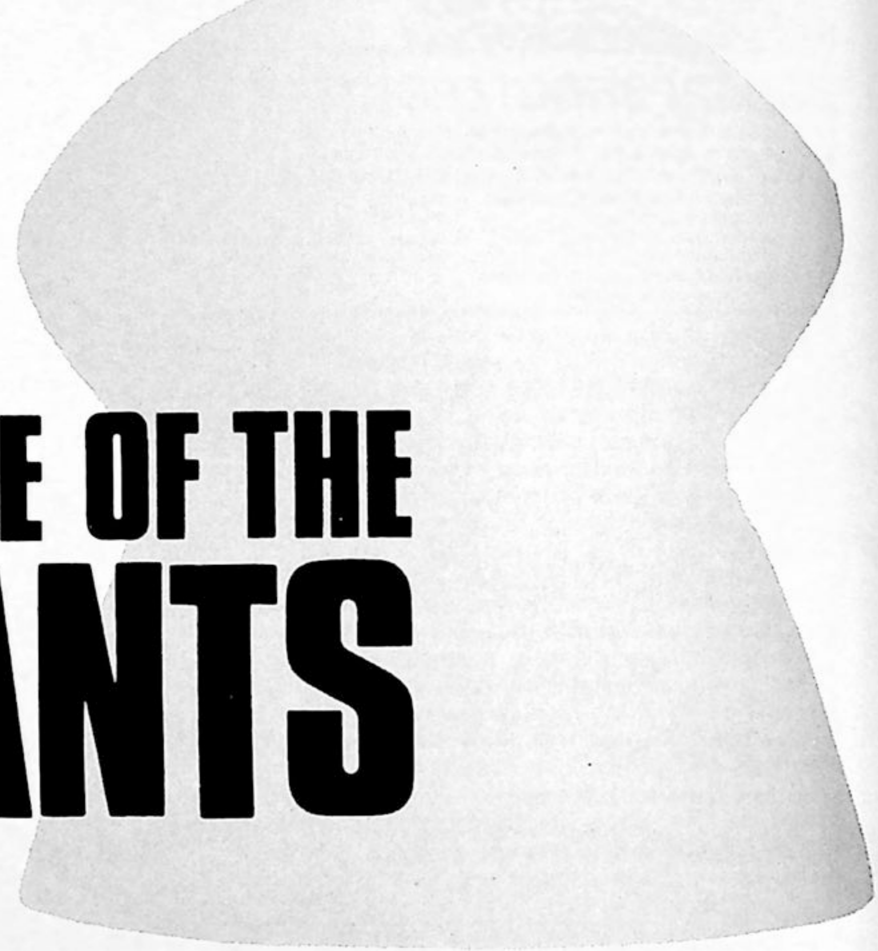
# BATTLE OF THE GIANTS

The new challenger — the RWS Superdome.



The Eley Wasp — an established favourite.

## *Tom Downes matches the Eley Wasp and the RWS Superdome*

DESPITE THE ADVENT of many new pellet shapes and types during the last decade, the 'English' or dome headed pellet has reigned supreme in the sales stakes, with the famous Eley Wasp always to the fore.

I think the obvious reason for this is that the dome head is a 'reliable' pellet. It is very accurate in most barrels and has enough penetration to kill cleanly at good ranges. Pointed pellets are not generally as accurate and wadcutters are prone to lose velocity rapidly. The dome is an acceptable compromise that has stood the test of time.

The West German pellet makers long ago feasted their eyes on the phenomenal sales of the Eley Wasp and the 'If you can't beat 'em, join 'em' syndrome has now produced the H & N Silhouette with, more recently, the RWS Superdome.

It would take a lot to worry the giant Imperial Metal Industries Company who make the famous Wasp, and perhaps they deserve to have an attitude of complacency — as nothing has ever dented the Wasp sales figures. But when an equally large company, like the German giant Dynamit Nobel, muscles in on the act then perhaps we should all sit up and take notice.

The Dynamit challenge to the Wasp is the RWS Superdome — but just how good is it? I decided to check it out with a direct comparison test which produced interesting results.

My first criticism of the Superdome is not the pellet itself, but the tin! RWS pellets come in tins with the lid held on with tape. It's a fiddly process to re-seal the tin each time and I think they would be better off copying the British idea of screw lids, which is a far better system.

The Superdome has a longer tail than the Wasp, which is good design sense as usually long tailed pellets are accurate. However, the base of the skirt is very thin indeed, unlike the thick walled Wasp.

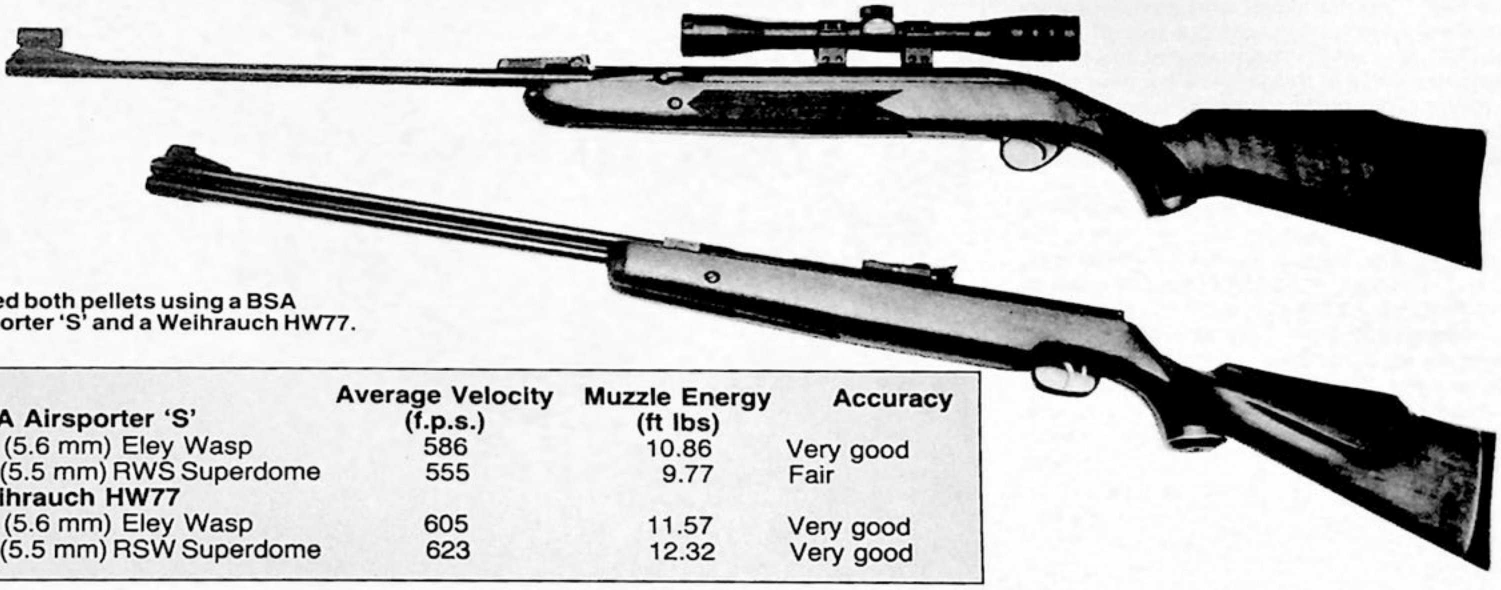
The obvious reason for the thin walled skirt is to provide instant expansion into any bore as the pellet is struck by the air blast, but this system can have its drawbacks. One is that the skirt will easily distort between the fingers and also the pellets are prone to distortion within the tin. I found this to be the case and about 20 per cent of the pellets in my sample showed signs of skirt distortion due to transportation.

The .22 Superdome is 5.5 mm, the same as West German barrels. The .22 Wasp is 5.6 mm, as are most British barrels. Mixing the two has almost invariably produced a mismatch, hence the popularity of pellet sizers — more of which later — so I decided to test each pellet in both a German and an English gun.

As it happened I had a BSA Airsporter 'S' to tune plus a Weihrauch HW77, both owned by the same person. The opportunity was too good to miss so I used the rifles as test pieces before tuning them. Both guns were almost new and had little use.

I selected 50 of each pellet and weighed them. The average weight of the Wasp was 14.26 grains with a variation of only 0.01 per cent. This is more than excellent and proves the exactness of the Eley manufacturing process. The average weight of the Superdome was 14.31 grains with a variation of 0.04 per cent. This is also excellent and both pellets score top marks in this category.

As both pellets are very similar in weight, any marked power differences would be due to size or shape.



I tested both pellets using a BSA Airsporter 'S' and a Weihrauch HW77.

| | Average Velocity (f.p.s.) | Muzzle Energy (ft lbs) | Accuracy |
|---|---|---|---|
| **BSA Airsporter 'S'** | | | |
| .22 (5.6 mm) Eley Wasp | 586 | 10.86 | Very good |
| .22 (5.5 mm) RWS Superdome | 555 | 9.77 | Fair |
| **Weihrauch HW77** | | | |
| .22 (5.6 mm) Eley Wasp | 605 | 11.57 | Very good |
| .22 (5.5 mm) RSW Superdome | 623 | 12.32 | Very good |

The results were not as predictable as I first imagined, because the Wasp was acceptable in both barrels whereas the BSA barrel didn't take kindly to the Superdomes. Over 1 ft lb of energy was lost and accuracy left something to be desired, but we must bear in mind that the BSA barrel is designed with the Wasp/Pylarm as the recommended pellet.

The Weihrauch barrel, on the other hand, is designed around RWS ammunition and it performed so much better power-wise with the Superdome — 0.75 ft lbs — that the weapon exceeded the legal limit and had to be de-tuned by shortening the spring. This illustrates the importance of having your gun regularly chronographed, or at least obtaining a certificate from the dealer when buying it from new.

With these two guns the Wasp is preferable if you wish to stick to one brand of pellet but mix your guns. The Superdome, however, will almost certainly produce more power in any German barrel and here it is a very accurate pellet indeed.

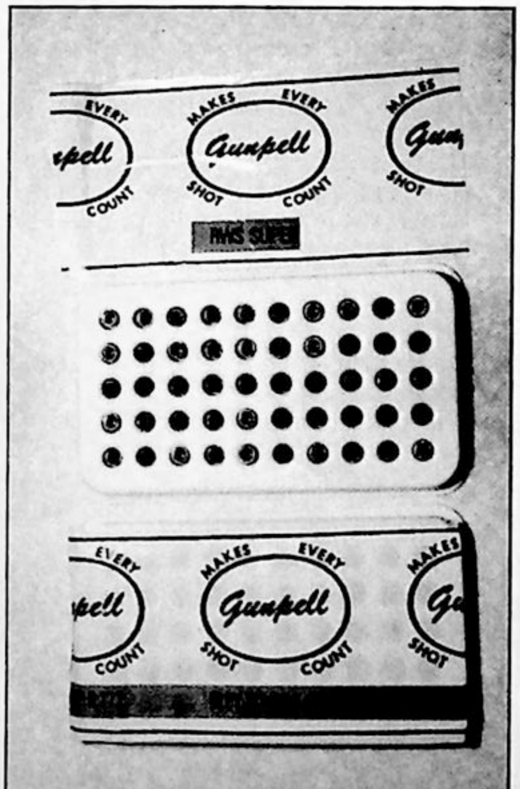
The RVF — Remaining Velocity Factor — at 25 feet was almost identical for both pellets at 0.95 per cent, and ballistic putty penetration bore this out with practically identical penetration and cavity volumes. So as hunting ammunition there is nothing to choose between the two, but I was intrigued whether or not re-sizing the Superdomes to fit the BSA barrel would improve the performance. The short answer to this is yes, it did!

I enlarged the Superdome by using the Robb pellet sizer in reverse and then re-sized them to 5.6 mm. The improvement was dramatic — power rose to 11.2 ft lbs and the accuracy was at least as good as the Wasp. Perhaps RWS should make a 5.6 mm version as well as the 5.5 mm.

On the .177 front the picture is different altogether. The .177 Superdome is almost a grain heavier than the .177 Wasp, weighing in at an average of 8.32 grains as opposed to the Wasp's 7.35. Both of these are comparative lightweights when compared to the amazingly popular H & N Silhouette, which weighs 9.22 grains on average.

Hunters and field shooters alike seem to prefer the heavier .177 pellets and Eley have cast an eye over the Silhouette and the new Superdome challenge from RWS. They are shortly to announce a new heavyweight pellet in .177 calibre with a domed head.

I have some pre-production samples which I have been testing against samples of RWS Superdome and Silhouette from Gunpell, who size and weigh each pellet individually. You can find out how it fared next month, and field shooters should take note of my findings!



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Above: A screw lid would be a great idea!

Left: The familiar Eley Wasp emblem.

# One for sorrow Two for joy

### Marc Jobling goes hunting magpies

I placed the dead pigeon in the field and waited for the magpie.

DURING THE SPRING and early summer months I tend to concentrate my efforts in the field on certain members of the corvid population. It is at this time of the year when so many other birds are nesting and rearing young that they can create havoc — in places seriously reducing local populations by their depredations.

I tend to ignore rooks and jackdaws unless their numbers increase to unacceptable levels, as any damage they do is offset by the considerable amount of harmful grubs they eat. Carrion crows, on the other hand, are more predatory and in my area at least deserve some attention. Unlike the sociable rook, crows are normally found hunting singly or in pairs, although occasionally you can see them gathering in large groups at a worthwhile food source such as refuse dumps.

Like all members of the crow family they are extremely difficult to bring within range. This particularly applies to the jay, an efficient nest robber and killer of young birds, but luckily in my area not such a great problem. For me the arch villain is the magpie.

This pied bird is a familiar sight in the countryside and has become more so in recent years — in southern England at any rate — with a notable population increase. As a result I now rarely pass up any opportunities presented to me, regardless of the time of year.

To the majority of our wildlife the magpie poses a very real and serious threat. A low density is desirable and, I might add, difficult to achieve. On many occasions I have watched small groups of magpies hunting the hedgerows and, as you are no doubt aware, they do not miss much! They are persistent, determined single-minded birds.

Just recently I discovered one with a starling that it had caught. The magpie was hammering repeatedly at its head as I approached, refusing to leave the half dead bird until the very last moment. I was unarmed at the time and the magpie waited in the vicinity while I examined the starling until it could return to finish off the job. In fact I had barely left the scene before the magpie flew down and after a second or two, found the now dead starling.

After two hours in the field I had managed to ruin every shot presented to me.

I have noticed, particularly where the prey is fairly large, that magpies will sometimes gang up, each individual manoeuvring with apparent innocence into a position until most escape routes are covered. An attack ensues if the object of their attentions has not woken up to the danger. Six of them once singled out and approached an immature jay in this manner, reminding me of a group of muggers surrounding a potential victim in the street. The jay in this instance was wise to their intentions and escaped.

One of my most successful methods of dealing with magpies is to use bait and a hide. I do not normally spend a lot of time building a hide, preferring to find a suitable spot of thick undergrowth on the edge of a field. Here I can alter the surroundings as little as possible, perhaps using netting for the finishing touches. A dead rabbit with its innards exposed is then placed at a sensible distance into the field — followed by a period of waiting. With so many magpies around here the waiting is fairly short.

Dull clothing is a must and although I dislike wearing a face mask of any sort, I can appreciate the advantage they and other similar accoutrements give by hiding the obvious from the sharp eyes of a corvid. Remaining motionless is vital and when a bird arrives sudden moves are out, otherwise all your previous preparation will be wasted.

I am probably wasting time here as far as experienced field shooters are concerned, but it is surprisingly easy to end up with egg on your face because you took for granted the most elementary of rules. Although I have never found it necessary, shaking a half-empty matchbox is supposed to attract magpies to the area by creating a sound reminiscent of their call.

Stalking magpies is generally a challenging and at times extremely frustrating occupation. It can be difficult with the range limited to around 30 yards, using a 12 ft lbs rifle. Remember that a clean kill, regardless of the species and your views on its personal habits, is always a priority.

If you are lucky enough to have a rifle 'on ticket' the problems are not so great. Family groups of magpies are often easier to approach, consisting mainly of young, less wary birds. I have taken a fair toll in this way both with a shotgun and an air rifle, although the satisfaction generated is never quite as acute as with a successfully stalked adult.

Towards the end of last February I experienced — ultimately — one of the most satisfying, but at the same time frustrating, stalks involving a magpie for years.

The day was bitter, with snow flurries whipped up by a vicious easterly wind — a lazy wind, one that went through you instead of around. To make matters worse, after two hours in the field I managed to ruin every shot presented to me. In fact it was during one of these abortive occasions that I became aware of a single magpie flying about the bushes and trees, which made up a long sprawling hedgerow about 150 yards away.

**The magpie — a handsome bird, but also a serious threat to wildlife.**

Unable to resist the temptation I watched the magpie disappear into a particular bush and began a careful stalk, utilising every scrap of cover, convinced that I had him.

Twenty frost bitten minutes later I was well within range, but without sight or sound of the magpie. After cautiously approaching the spot where he had originally landed, I came to the conclusion that the bird had vanished.

Not for long however, as 60 odd yards away I saw him re-appear. He did not seem particularly bothered by my presence and I resumed the hunt. Again the magpie disappeared, but only temporarily because this time I saw him sneak out from the far side of the hedge. and fly off, landing a good 100 yards away. I took a deep breath and started again. It was either him or me and the way things were progressing I could picture a frozen corpse — mine!

This saga went on for nearly an hour before I had an unexpected piece of luck. As I neared a prominent dead tree a pigeon suddenly landed among its twisted limbs presenting me with a shot. Despite my frozen state I made a creditable attempt and managed to knock it from the branch.

While collecting the bird an idea formed — they happen occasionally — and without wasting any more time I placed the dead pigeon in the field. I then hid behind the roots of a large fallen tree and waited. Fifteen minutes later I had my magpie, a near perfect shot from the uppermost branches of the dead tree, and as it hit the ground I felt pure elation.

Handling the dead bird I could not help but admire its proud appearance. The contrasting, iridescent quality of the feathers and its powerful efficient beak — a handsome creature indeed.

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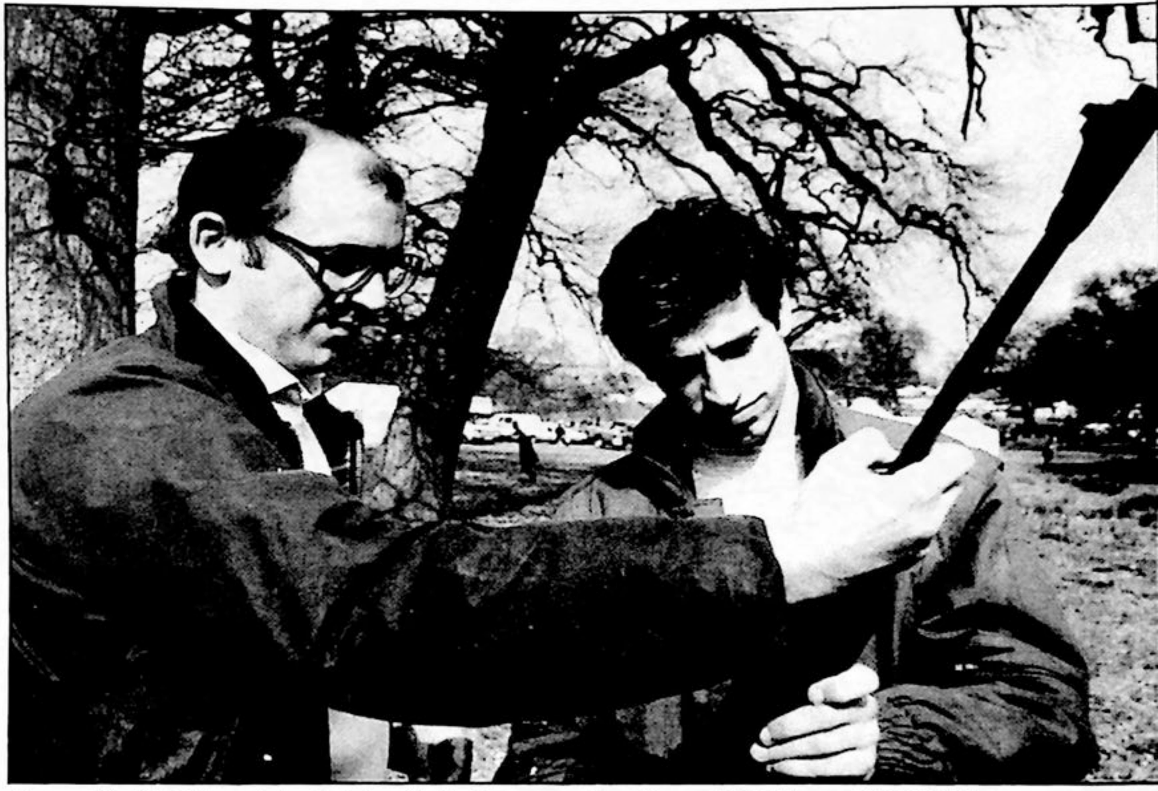
# BSA's Swansong?

### Jonathan Wilkes gives his first impressions of the new VS2000 rifle



*Airgun World* **Editor, John Fletcher (left) discusses the virtues of BSA's new VS2000 rifle.**

FIRST the good news. We at *Airgun World* have been given a sneak preview of the exciting new BSA VS2000 air rifle — and our own Jonathan Wilkes put one through its paces at the Packington Park Airgun Fair.

Now for the bad news. Just as we were going to press came the sensational news that BSA, who this year celebrate their 125th anniversary, have been put into the hands of the receivers. It seems that BSA ran out of time and money in their attempt to establish themselves in the competitive American market — and receivers Cork Gully are currently trying to find buyers for all or part of the company.

We'll have full details of the latest BSA developments in our next issue — but in the meantime let's take a closer look at the rifle that could prove to be BSA's swansong.

The VS2000 has been around in prototype form for well over a year, and most airgunners are aware that it is a sidelever cocking, full size sporting air rifle. Its special feature is a unique nine shot rotary magazine, which enables you to shoot and reload without so much as touching a pellet.

Early samples of the gun were very heavy. It's still no lightweight but Jonathan found the weight well within his handling capabilities. 'It's quite heavy, but the balance seems to make it quite easy to handle — and that's important because loading and inserting the magazine in the first place is quite a fiddly process until you get used to it', Jonathan explains.

'The finish of the rifle is superb, as with all current BSAs', Jonathan continues. 'The stock is a nice shape, too, and should suit most airgunners pretty well. And it's a very fast gun to shoot once you have the magazine in place'.

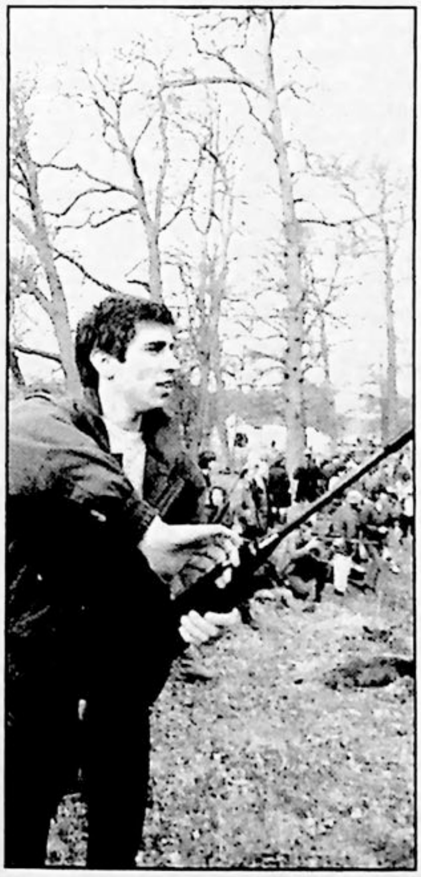
Jonathan zapped off about 300 pellets in his first session with the new rifle, trying targets at different ranges up to about 30 yards. He found the rifle basically very accurate, although he thought that a little more weight at the muzzle would cut down on the amount of flip.

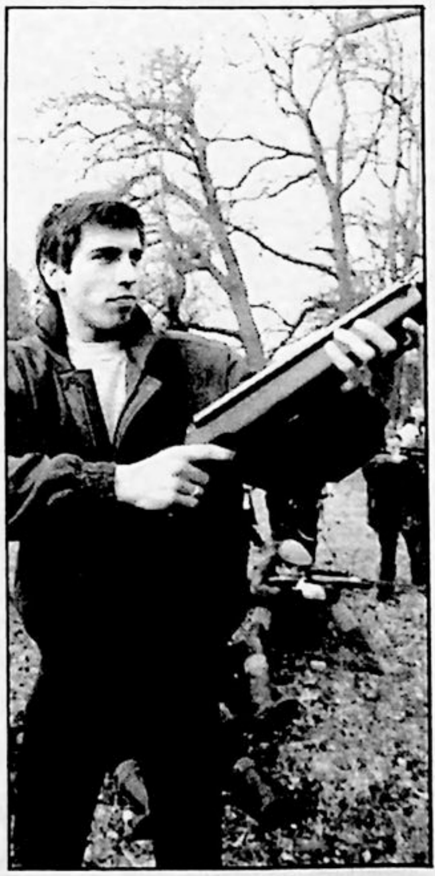
As regular *Airgun World* readers will know, Jonathan is something of a fanatic about triggers — and he was favourably impressed by the new BSA. 'It's not the normal BSA trigger, but I was really quite impressed with it', he said. 'I didn't try to adjust it in the short time I had the rifle, so it was a little on the heavy side. It was very crisp, though, and that's the most important thing as far as I'm concerned'.

The VS2000 was not scheduled to appear in your local shop until towards the end of June — and current developments at BSA may mean that it is delayed still further. But what does Jonathan think of its chances when it finally does appear?

'It depends how much it costs, of course', says Jonathan, 'but it's an interesting rifle that performs well. It's powerful and accurate enough and, although it takes some getting used to, it does have the unique feature of that rotary magazine'.

**Right: The VS2000 has a long cocking stroke. Far right: Although heavy, the VS2000 has a good balance making it easy to handle.**





**Below: The VS2000 has a superb finish.**

Prizewinners at the field target shoot, with Neil Clarke in the centre flanked by M. Andrews (left) and Shirley Lasheras.

Steve Mortimer of Optima Leisure with the company's new compact scope.

John Breeds (centre) led a seminar for field target club secretaries organised by the BASC.

# Packington Progress

### John Fletcher reports on the success of our Airgun Fair

OUR SECOND Airgun Fair proved to be an even greater success than the first — with more exhibitors, more airgunners and even more to see and do. Just about anyone who is anyone in the airgun world took a stand at the Fair, and all were united in their verdict that this year's event was a sure-fire hit.

Firms like Venom Arms, Sharpshooters and Abbey Supply, who had taken part in last year's trailblazing event, were unanimous in saying that this year's Packington festival of airgunning set new standards. 'It really is tremendous to see how it has grown in just one year', said Venom's Ivan Hancock. 'It's a sign of how the airgun world is progressing'.

Newcomers to the Fair such as Cindy Hunt of Cindy's Shooting and John Vertannes of Gunpell were simply amazed by the level of interest — and had trouble keeping up with the constant throng of customers. 'I'll be glad to catch my breath at the end of the end of the day', said an exhausted Cindy during the afternoon.

On the *Airgun World* stand we were soon deluged with guns, scopes and other accessories for our 'Bring and Buy' service. In fact we soon had to expand from the two tables set aside and devote virtually our entire stand to it. A tremendous number of guns changed hands, with many people picking up superb bargains.

This year's auction of goods, all donated by the various stand-holders, raised over £320 for the Gun and Allied Trades Benevolent Association. Most popular items seemed to be the various makes of knockdown targets, with individual models often attracting higher bids than brand new rifles and vintage pistols.

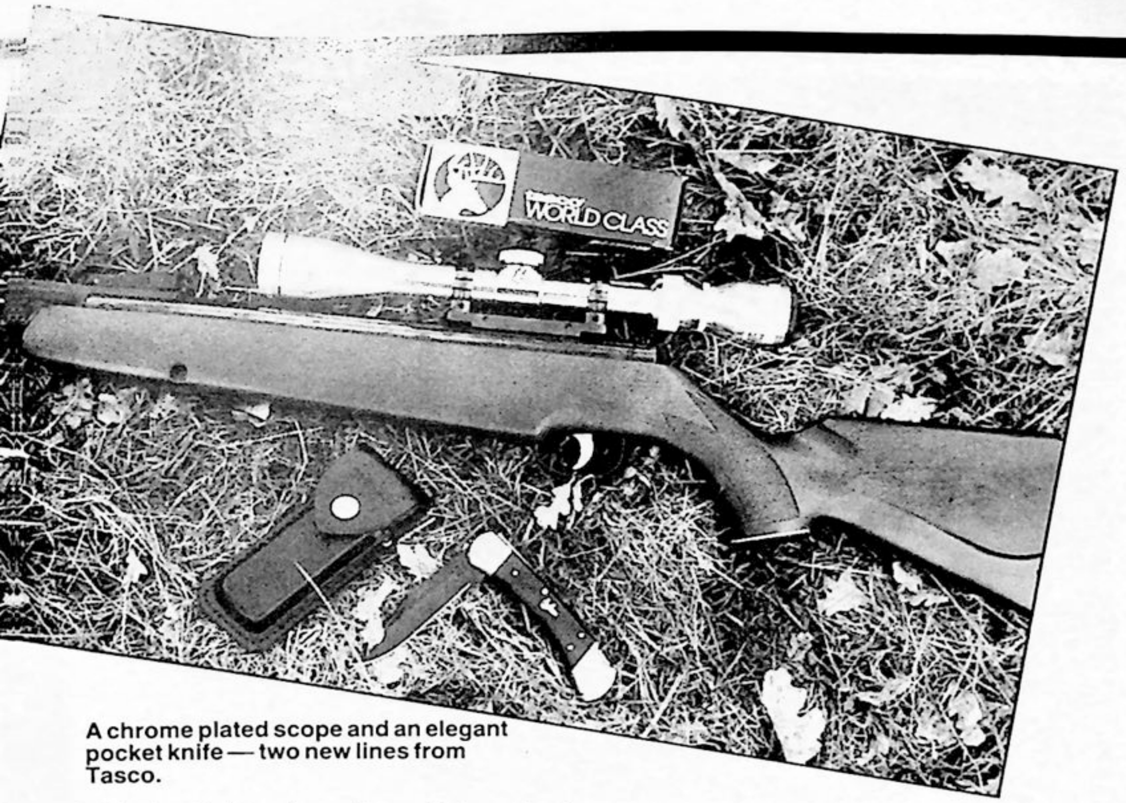
Over at the field target range the Stourvale Woodsmen, under the guidance of John Breeds and Martin Page of the BASC, put through a record entry of 215 competitors in the tough, 20 target main event. The course was actually the first which Charles Fenn of Stourvale Woodsmen and Venom Arms had laid out — and the general verdict was that he had done a fine job.

Competition was as fierce as ever, with all the top names in contention for the major prize — a splendid trophy and £50 worth of Airmasters vouchers. Neil Clarke, who shoots for Pontefract ARC in West Yorkshire, was in fine form and used his Yorkshire Air Weapons tuned HW77 with Tasco AG scope and Silhouette pellets to score 16 ex 20 and take first place.

But for an uncharacteristic slip in concentration by Richard North, however,

The latest Gold Sierra, with superbly inlaid stock.

Richard North lines up his standard stocked Zephyr 77.



**A chrome plated scope and an elegant pocket knife — two new lines from Tasco.**

Neil should have been forced into a shoot-off. Richard was having his first outing with a new Airgun Centre Zephyr 77, although fitted with a standard Weihrauch stock after the custom version was damaged.

He found that the new rifle shot superbly — but he took one of the targets out of order and therefore limited himself to a possible top score of 19 rather than 20. He expects even better things from the rifle once he has the correct woodwork. He finished with 15 to tie with Mark Camoccio for second place. In a shoot-off Mark connected superbly with an eyesight testing 50 yard target, using his Mastersport Stalker/Zeiss, to clinch second place.

Shirley Lasheras put in her normal highly competent performance to take the ladies class, and young M. Andrews was in fine form once more among the juniors, his score of 13 being one that many seniors would envy.

As we have come to expect from the Stourvale Woodsmen the shoot was superbly run — with no complaints from any of the competitors. The course was testing but fair, and it was very attractively laid out in the Packington grounds. The rain held off until right at the end of the day — so there was no repeat of last year's mudbath.

Finally, as organisers of the Airgun Fair, we would like to thank all of those who made it possible. That means all the companies who took trade stands, all those who helped with the organisation and, of course, all the thousands of airgunners who attended.

Most of all, though, we would like to thank the BASC, whose positive approach to the whole airgun scene over the past few years is helping to transform the regard in which air weapons are now held by the rest of the field sports world. Our thanks to them for all their help — and particularly to regional development officer David Leathart who put in such tireless work on the Packington site.

**RESULTS. Main Event:** 1. N. Clarke 16, 2. M. Camoccio 15, 3. R. North 15, **Juniors:** 1. M. Andrews 13. **Ladies:** 1. S. Lasheras 11. **Fun Shoot:** 1. D. Denny, 2. R. O'Neal, 3. R. North. **Marksman Shoot:** 1. R. North, 2. A. Calpin, 3. D. Hammill. **Long Range:** 1. P. Littley, 2. B. Magraw, 3. F. Spencer. **Dump Shoot:** 1. J. Myszka, 2. M. Andrews, 3. M. Camoccio.

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# Airguns come of age

### by Arthur Shepherd

RECENTLY I SPENT a very pleasant evening helping to man the *Airgun World* stand at a BASC Roadshow in Wiltshire. During the evening between 400-500 people interested in fieldsports, and shooting in particular, visited the event, and it was enlightening to hear their comments on modern air rifles.

As you would expect at this kind of event, most of the visitors were shotgun users. Their experience of air rifles seemed to be restricted mostly to using them to learn the ground rules of gun safety and shooting, when as youngsters they popped off a few sparrows around the farmyard or stalked rabbits on the shoot.

Air rifles seem to be regarded by the majority as rather ineffectual weapons of limited power and range, not terribly accurate and OK for youngsters to play around with — almost as toys, in fact. At the other extreme one or two keepers expressed doubts about the general availability of such weapons. In their eyes airguns were powerful, accurate weapons capable of removing roosting pheasants from their perches with little disturbance, and as such the favourite weapons of poachers!

**The Zephyr 77 is heavy, but steady and deadly accurate.**

I would like to believe our modest display of modern air rifles has altered the image of airgunning for many who attended the Roadshow. Certainly I had at least two older gentlemen who, having seen and handled the Sirocco Deluxe, a nearly standard HW77 carbine and the beautiful HW77 Zephyr conversion by The Airgun Centre — which uses the Theoben patented Zephyr piston head and was fitted with a Zeiss 3-9 × 36 Diavari-C zoom scope — both decided to sell their .22 cartridge hunting rifles and change to a good quality air rifle for their field shooting.

One shooter remarked that he found all the hassle attached to owning an FAC rifle too much for the occasional sortie after rabbits or pigeon. And because the trips were only occasional with few shots fired, the authorities were threatening to revoke his FAC on the grounds that as he used so little ammunition he had no real justification for the continued use of the rifle.

If he changed to an FAC air rifle he would have more than enough power to hunt small game without the bother of buying ammunition on certificate and the ammo would cost considerably less. Even an off-[illegible] air rifle would have sufficient power to kill [illegible] at the ranges he normally took [illegible].

Another interesting point which arose is the interpretation of the word 'powerful'. [illegible] airgun users accept it to mean up to the legal limit of 12 ft lbs or, with an FAC, perhaps 15-20 ft lbs or so. Their levels [illegible] are so puny when compared with [illegible] lowest powered cartridge rifle, [illegible] develops 65-70 ft lbs, that [illegible] in this context is totally [illegible].

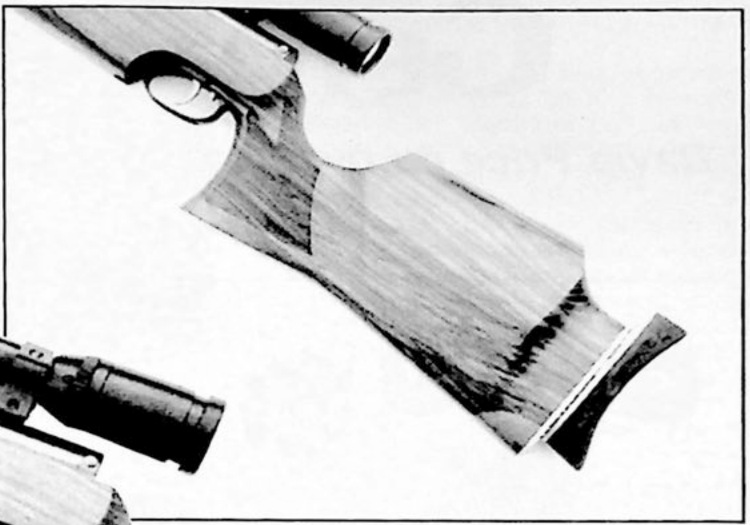
[illegible] the 'antis' latch on to it. In the [illegible] anti-gun lobby over [illegible] of the [illegible] powered by Savidy [illegible] energy values [illegible] heard an MP on television condemning the gun and calling for a ban on sales of this 'powerful', and by implication, dangerous air weapon.

**The Zephyr 77 — at home in the field as well as on the ranges.**

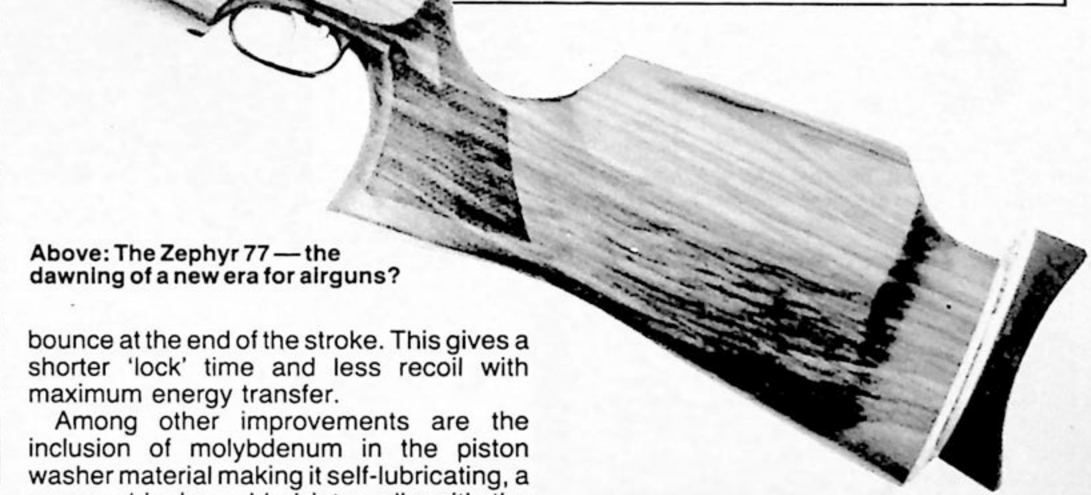
There is no doubting that 'power' and 'powerful' are evocative words, hence their regular use in advertising copy for air rifles. But bearing in mind that they are also provocative words to the uninitiated and the 'antis', perhaps we should refrain from using them quite so freely.

For instance, what impression would the following statements, picked at random from advertisements in *Airgun World*, make on a casual reader who knows little or nothing about air rifles and the limitations imposed by law on their power and in whose mind 'power' is synonymous with 'danger': PTFE *power*, Instant *power* increase HW80 etc; *Power* without powder; Magnum *power*, The 'ultimate' *power* in air weapons; Very *powerful*; Smoother shooting at higher *power*, Outstanding *power*. And how useful would these claims be as anti-shooting propaganda to those recruiting to the anti-gun lobby from the ranks of the ill informed? We writers are not blameless either and far too often use phrases like, 'This is a powerful and accurate air rifle' when describing various guns submitted for test.

Perhaps as a matter of course magazines should print on the editorial



Right: The adjustable buttplate should suit most shooting styles.



Above: The Zephyr 77 — the dawning of a new era for airguns?

The Zephyr 77 is an ideal rabbiting gun.

page of every issue a brief explanation of the legal power limits for air rifles, including a comparison with cartridge rifle energy levels. Any reasonably intelligent reader would then be able to appreciate how low powered even a 'high powered' FAC air rifle really is, and how ludicrous it is to classify it as a specially dangerous weapon needing an FAC. Meanwhile it would perhaps be a good idea for us to be more circumspect in the use of the words 'power' and 'powerful'.

As I mentioned previously, one of the air rifles on display at the Roadshow was an HW77 carbine fitted with a Theoben Zephyr piston. This was in fact the rifle featured in the colour centre spread in the April issue of *Airgun World*.

The rifle was tuned and the piston fitted by The Airgun Centre. It also boasts a stock of high quality French walnut from Custom Stocks, which is specially designed for field target shooting. A high comb brings the eye well in line with the scope, the fore-end offers a firm and comfortable grip for the leading hand, a palm swell on the neatly chequered vertical pistol grip gives a good base for the controlled operation of the renowned Rekord trigger, and the stock is fitted with an adjustable butt pad similar to those sometimes used on competition shotguns. The scope is by Zeiss and costs nearly £400.

This is the first time that the Zephyr piston washer has been fitted to a spring powered air rifle, although Theoben have been using it in their Sirocco rifles for some time. A series of grooves cut into the piston crown improve the speed and efficiency of air transfer to the pellet and reduce piston bounce at the end of the stroke. This gives a shorter 'lock' time and less recoil with maximum energy transfer.

Among other improvements are the inclusion of molybdenum in the piston washer material making it self-lubricating, a scraper 'ring' moulded integrally with the washer which prevents the passage of lubricant past the washer and which, it is claimed, eliminates dieselling, and a modified piston shape to overcome drag against the cylinder wall. Both the piston and spring are high temperature coated with PTFE to aid lubrication, and the makers claim there is no need for any further internal lubrication with the Zephyr conversion fitted.

The Airgun Centre will carry out Zephyr conversions to customers' air rifles and are at present the only tuning company licensed by Theoben to do so. Each conversion is accompanied by a numbered Zephyr Tune Certificate, which is returned to Theoben for registration.

Now theory is all very well, but how does the Zephyr HW77 perform in practice? To find out I have been 'field' testing the gun, which is in .22 calibre, over the last few weeks and have been putting it through its paces.

In my view, the combination of the HW77 carbine and the Zephyr piston has produced an exceptional air rifle. It seems that much of the £325 it costs without the scope has been spent where it matters — on improving the operating efficiency rather than on 'tarting up' the exterior. That isn't to say that the rifle is ugly or badly finished — far from it. The engineering is of a high standard, the finish of wood and metal is second to none and the rifle has done nothing but draw gasps of admiration from all who have seen it.

Its accuracy, too, is exceptional. I'm not the best shot in the world by a long way, but at my usual killing ranges of 25-30 yards using Webley Special pellets I shot groups which, for me, were probably better than any I've managed before and without doubt lethal for any rabbit I happened to have in the sights. The smooth action and the low recoil make this a sweet-shooting gun and not once, even after a prolonged shooting session, was there any trace of the white smoke and characteristic smell which results from dieselling.

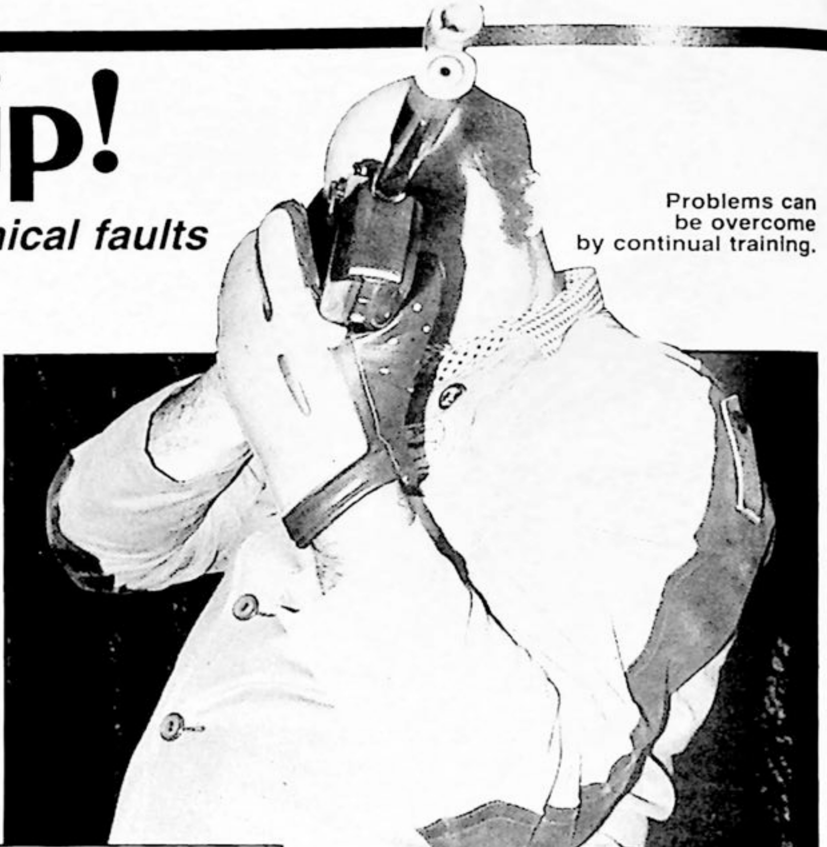
The fact that the rifle is designed primarily for field target shooting becomes apparent once it is taken into the hunting field. With an all-up weight of around 12 lbs, it is far too heavy to carry in comfort for any length of time. Indeed, even an extended plinking or zeroing session can become an exhausting exercise, not because of the cocking effort required, which is minimal, but due solely to the physical effort needed to handle the gun.

Were I a keen field target shooter, however, and could afford the price, this rifle would probably be my first choice. My own Sirocco, though, which is also fitted with a Zephyr piston, would be a very close second and remains my first choice for hunting live quarry.

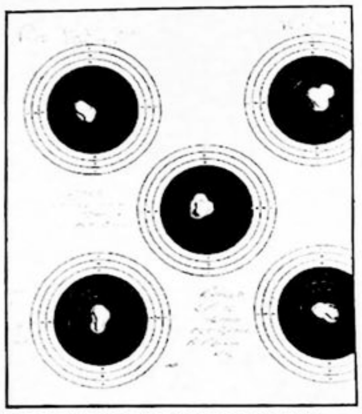
All the Weihrauchs tend to be on the heavy side but I would have thought that if it is possible to get a double barrelled shotgun down to below 6½ lbs, then with some judicious removal of metal and wood, a hunting air rifle approaching 7 lbs with scope fitted should be on the cards. At this weight a Zephyr 77 would create as big a stir in field hunting circles, as I expect it to do in those of field target shooting.

# GET A GRIP!

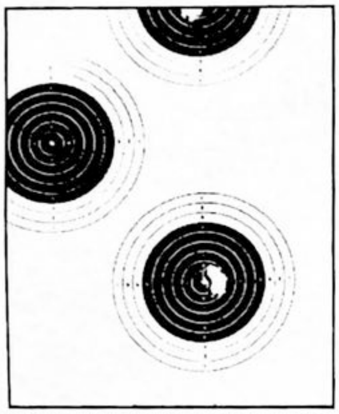
## *David Price on overcoming technical faults*



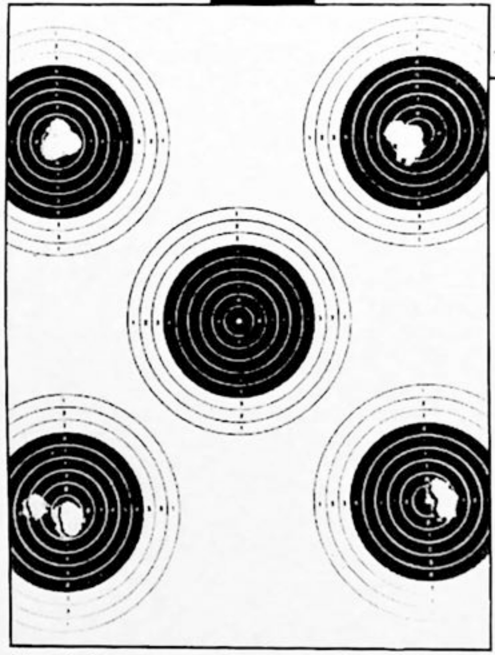
Problems can be overcome by continual training.



**The effects of cant are clearly shown on these targets.**



**Study your cards and see what improvements you can make.**



**The eights on my score cards were usually due to rushing the shots.**

OFTEN IT IS very difficult to determine when a change or modification to your technique, style or equipment is required if you are not objective towards your sport. On the other hand, if you are an impatient person, always looking for instant improvements, it may be too easy to alter your equipment or add 'gimmicks' hoping success will follow without having any definite plan or approach.

It's all too easy to fall into the many pitfalls which go along with our chosen sport only to find, no matter how you succeed in overcoming them, that there is always another mountainous problem to overcome a bit further down the road.

I have experienced a variety of problems recently which I could not cure by training in the usual way and concentrating on one problem at a time.

For example, when on aim I would struggle to get a good hold. I would see the correct sight picture, squeeze the trigger and the result would sometimes be a perfect ten, a ten just 'clipping' the spot or a nine. Very often I could say to myself, 'That's a nine', because of so and so, or 'That is the ten — just'. Like everyone else I would have some eights, but these were usually due to 'hanging on' too long and then rushing the shot, instead of putting the rifle down and starting again. Occasionally I have an inexplicable miss, when a perfect ten at my end resulted in a nine or worse.

These inexplicable misses will always occur and for the moment they should be disregarded, especially in competition. They are a fact of life and should be treated as so, simply because most of us have so many physical or technical defects in our whole shooting position/procedure, which cause us to miss the ten so often as to make the inexplicable miss a rarity. If it 'bugs' you that much, though, put it down to a bad pellet.

With proper training and practice you should be able to call 99.9 per cent of all shots to within at least one scoring ring on the aiming mark. Only when you can do this regularly with a very high degree of accuracy will you be able to see what I call 'built in' or 'hidden errors' in your technique.

Enough has already been written by other *Airgun World* writers on sighting, follow through, trigger control etc. for everyone to be aware of their importance so I shall not mention these here. But I hope you will bear them in mind as I explain a problem which I tried to eliminate recently.

Every so often one of my shots would go high, usually between 11 o'clock and 1 o'clock. It seemed to be a trigger control problem or a shift of concentration from sighting/hold to trigger — i.e. I appeared to lift the rifle a fraction just as the shot broke. If I had lifted the rifle higher and my follow through been non-existent I would have said I was anticipating the shot. But this was not the case!

I spent hours dry firing but still it happened — not every time, but too often to be ignored. Sometimes the shot just clipped the ten, sometimes it went into the eight or in between.

I noticed from the notes I had made in my diary over the last few months that my 'hold' was always under question. I did not think it was as good or as consistent as it should be. I think we all realise that if our hold is stable the other things required to break the shot and hit the ten can be more easily achieved.

The more I thought about and analysed my problem, the more I was convinced that it was the height of my position which was creating a knock-on situation, whereby the position was too low and caused me to push the rifle up creating unstable hold.

It was not long before I realised what was happening. I looked at myself in position and tried to break down the whole process of taking a shot. I came to the conclusion that, in fact, my hold was not too bad but I could actually feel myself trying to push the rifle up onto the diagram. This put a lot of back bend into my position to try to help bring the rifle up at the same time.

This in turn caused another problem, as I tended to lift the rifle as the shot broke. It was a knock-on situation, one problem creating another.

To prove my theory that my position was too low, I made up some targets which were plain except for a 31 mm black solid line across the diameter. The new targets were put in my normal target holder which, with a five-bull NSRA Air 3 Card, measures 1.5 metres to the centre of the top diagrams.

I marked the top of my new target and shot a ten shot group at the black line. The object was to shoot at the black line and hit it, not necessarily the centre of it. I duplicated the exercise three times until I had shot four groups of ten shots. I then dated the cards and put them away without studying them.

I repeated the same exercise two days

later to try to ensure that there was no abnormal influence playing any part in the exercise. Then I studied all the shot cards. To be honest I did not need to study them as all the shots had fallen in the bottom quarter of the black line on every target. This confirmed that my position was too low and must be adjusted.

My left-handed grip would have to be changed from between thumb and index finger to something which gave me a higher position. This I knew would be uncomfortable to start with and very probably my performance would deteriorate in the short term.

The first problem to overcome was to find a position which felt comfortable and which gave the correct height. Nothing felt comfortable at first, but eventually I found the one which appeared to give the correct height for the cards.

While carrying out this change I noticed that my hold was very shaky and my muscles jerked sideways on occasions as though I had developed a sudden affliction.

Over the next few days I did more dry firing than usual using the new grip. I was watching very carefully for any problems or improvements while trying to bring a feel of familiarity into the position. There was no sign that I was lifting the rifle when I squeezed the trigger and there was not so much backbend in my position either.

After about 40 hours or so the new position became almost second nature, but it still gave me a little discomfort as the new method of support is not an ideal one. With perseverance, though, I think I'll be OK.

**Always try to look at ways to improve your grip and stance.**

When I made the change I bought a new five finger glove made by Sauer. I decided only to shoot five-shot groups for a couple of months and to use the aiming mark at the top right-hand side of a five-bull target, rotating the card accordingly in my target holder. The theory was to eliminate as many variables as possible so I could try to make rational judgements at the end of the day, knowing I had done all I could to make it work.

If it doesn't work you can always go back to the beginning using your diary and start again.

It would have been easy to give up at first and persuade myself not to change, especially when you can see a deterioration in your performance and know you can do better. The encouragement comes from knowing exactly what should be happening, what will happen when a change is made, and what improvements it will bring with time and patience.

By looking at my notes and records it is easy to see if there is an improvement, stagnation or deterioration in my performance and, by listing dates of changes and detailing them, I can constantly monitor myself.

I am always looking for faults in my technique — and there are many — and I record them on what I call an elimination 'hit list'. Then I try to correct them systematically, unless there is a physical change required, in which case I make the change at periods when I am not competing.

At the same time it is important that you do not fall into the trap of looking for gimmicks or artificial aids to improve your shooting, or change things because you are going through a 'bad patch'. It is very important to be sensible and logical in your approach.

It is now a few months since I made the change in my grip and I can see that my groups are generally tighter than they were. Actually, the tight groups are not any tighter, but there are more of them, the open groups are not so open nor so frequent, and my fliers are fewer and do not go quite so far out. It could be argued that this is not due to any change, but due to improvement through practice and time. The main difference, however, is at my end of the rifle. It is quite steady and I do not feel as though I am having to force the rifle to stay on aim and it no longer has a tendency to settle below the aiming mark.

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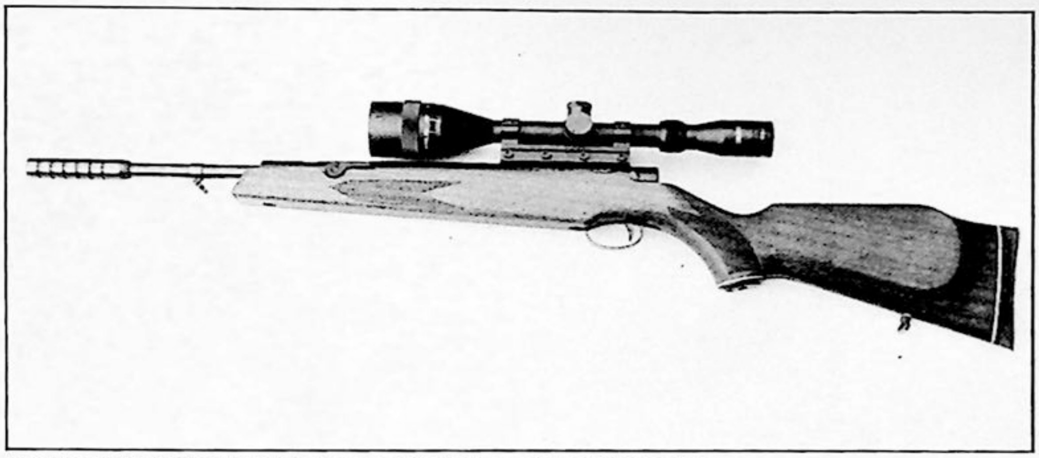
AIRGUN WORLD

## PULL-OUT

## WEBLEY TRACKER

# Deluxe Delight



The Webley Tracker Deluxe is a hard hitting, good looking carbine.

WITH ITS sleek walnut stock, trendy short barrel, and punchy all-round performance the Webley Tracker Deluxe rifle shown in our colour pull-out overleaf must rate as one of the most desirable air rifles currently on the market. Its compact dimensions and high power make it ideal for use in the field, while its accuracy, crisp adjustable trigger and detachable muzzle break all help towards the precision shooting required for field target shooting.

The Tracker Deluxe takes most of its features from the standard version of the rifle. Most noticeable of these is the fashionably short 11½ inch barrel. The Tracker is supplied as standard with the muzzle break shown overleaf, which slips over the barrel in place of the foresight when you use the Tracker with a scope. It also helps to cut muzzle flip.

But Webley appreciate that many airgunners still prefer to use their rifles with open sights, at least some of the time, so they also supply the rifle with their standard open sights, including a micro-adjustable rearsight.

The Tracker Deluxe is available in .177 or .22 calibre, and gives good performance close to the legal limit in both. It is a sidelever rifle, with the advantage that the barrel remains constantly in one position, with no latch or hinge to wear. Arguments between airgunners about the merits of break and fixed barrel rifles are likely to rage for many years to come — but if you're a fixed barrel man you'll be more than happy with the Tracker's smooth cocking action.

The ratchet system on the sidelever makes more noise than you'd want if you were reloading in the field — but Webley have seen to that problem by making it easy to eliminate the ratchet noise if you hold a small lever during the cocking stroke.

You load the pellet by means of a carefully engineered loading tap, which ensures that every pellet is precisely aligned with the barrel — with no risk of the skirt being damaged on the way. There is a manual safety catch at the back of the cylinder — and that is the sort which most airgunners prefer. It means that you will never be caught out in the field as you might be with an automatic safety. It's so easy to forget to take the safety off, pull the trigger — and watch your quarry disappear as nothing happens!

One of the key elements in the performance of any air rifle is its trigger. The example fitted to the Tracker is adjustable and gives crisp, positive pulls, with good 'feel' and a definite let-off.

The real attraction of the Tracker Deluxe, though, is its superbly attractive, elegantly styled stock. In the last year or two airgunners have shown that they like good quality woodwork — and that they are prepared to pay for it. On the Tracker Deluxe, Webley fit a superb piece of French walnut — similar to the wood fitted to best quality shotguns — and then give it the traditional oil finish which most shooters reckon is the best of all in the field.

It shows the wood's attractive grain to best effect — and is also the easiest type of finish to repair when your rifle takes a knock in the field. The main difference between the Tracker Deluxe and most of the custom rifles on the market is that the Tracker won't cost you a fortune. In fact, at just under £140 it must represent some of the best value on the market.

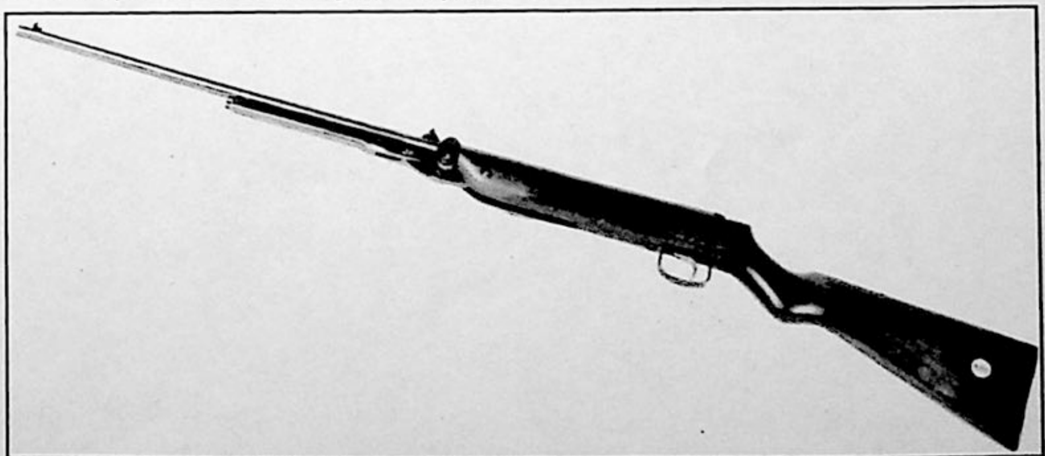
Webley & Scott have one of the greatest names in the airgun world, of course, and their current range of rifles shows that they are determined not to rest on their laurels. From the elegant, powerful and accurate Omega rifle through the Vulcan, Victor and Air Wolf, Webley have just about the most comprehensive range of break barrel rifles around. With different dimensions to suit shooters of different ages and builds, these rifles really do offer something for everyone — and all are backed by the great Webley name.

The Tracker isn't Webley's only sidelever rifle, either. They also produce the Viscount, in standard and Deluxe forms, which shares most of the Tracker's features but in a full length rather than carbine style configuration.

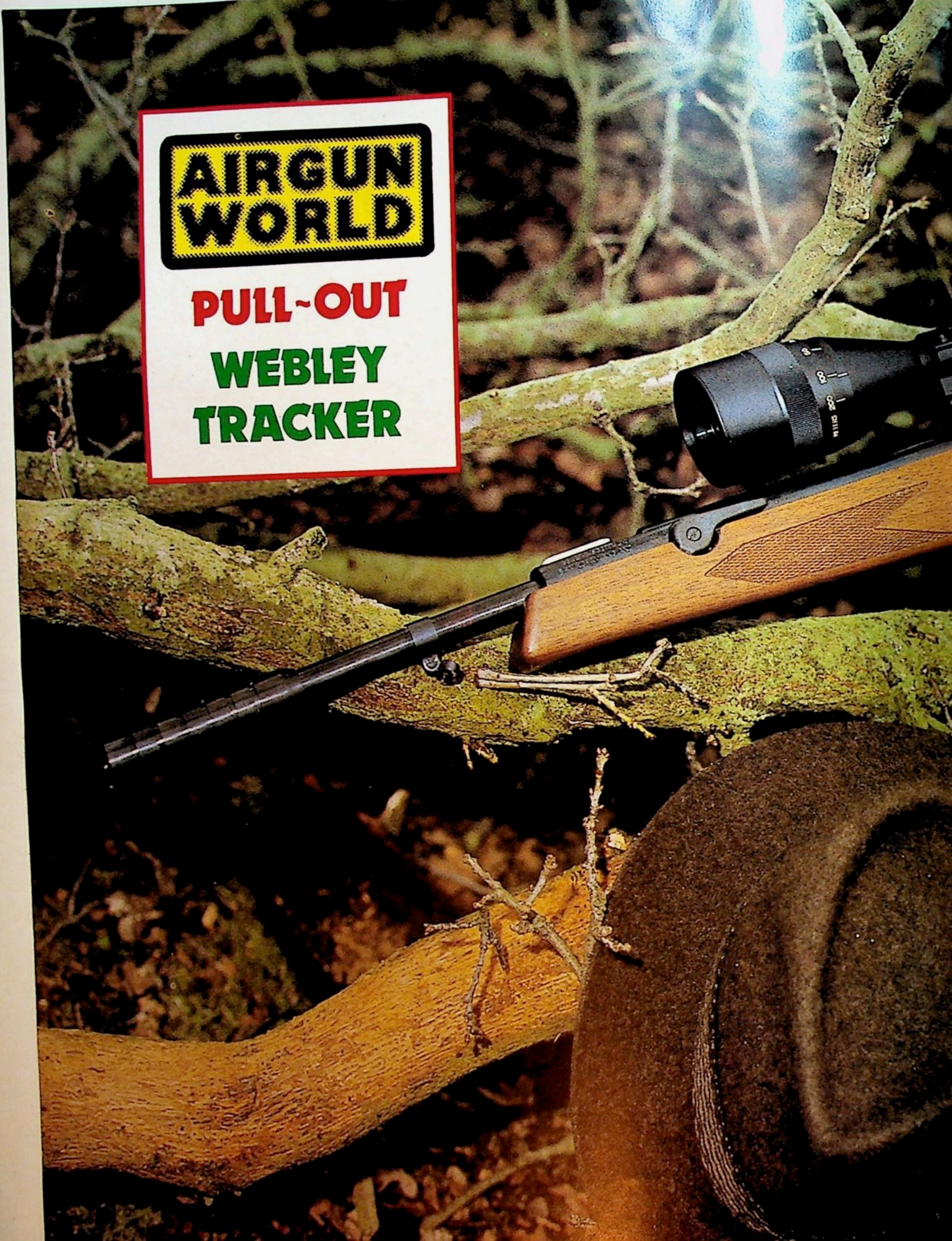
Nor should anyone forget Webley's tremendous range of pistols, which have provided countless hours enjoyment for airgunners down the years. Current models are the Hurricane and the Tempest — both using the familiar barrel above cylinder configuration.

The superb rifle shown in our colour pull-out is fitted with accessories from the extensive Webley range. Providing the ultimate in long range, low light sighting ability is a 3-9×50 Tasco scope. This offers all the reliability, robustness, visual quality and special features that are now synonymous with the Tasco name — making it the perfect compliment to the Tracker's ability.

Mounted on a high one-piece mount made by Sportsmatch and distributed by Webley, the Tracker/Tasco combination looks just right. Superbly balanced, purposeful looking and elegantly finished, it is an outfit of which any airgunner would be proud. It shows why Webley have been around for as long as they have — and why their future should be as glorious as their past.



The Webley Mk 3 — a classic lever cocking rifle from the company's past.



AIRGUN WORLD

# PULL-OUT

# WEBLEY TRACKER

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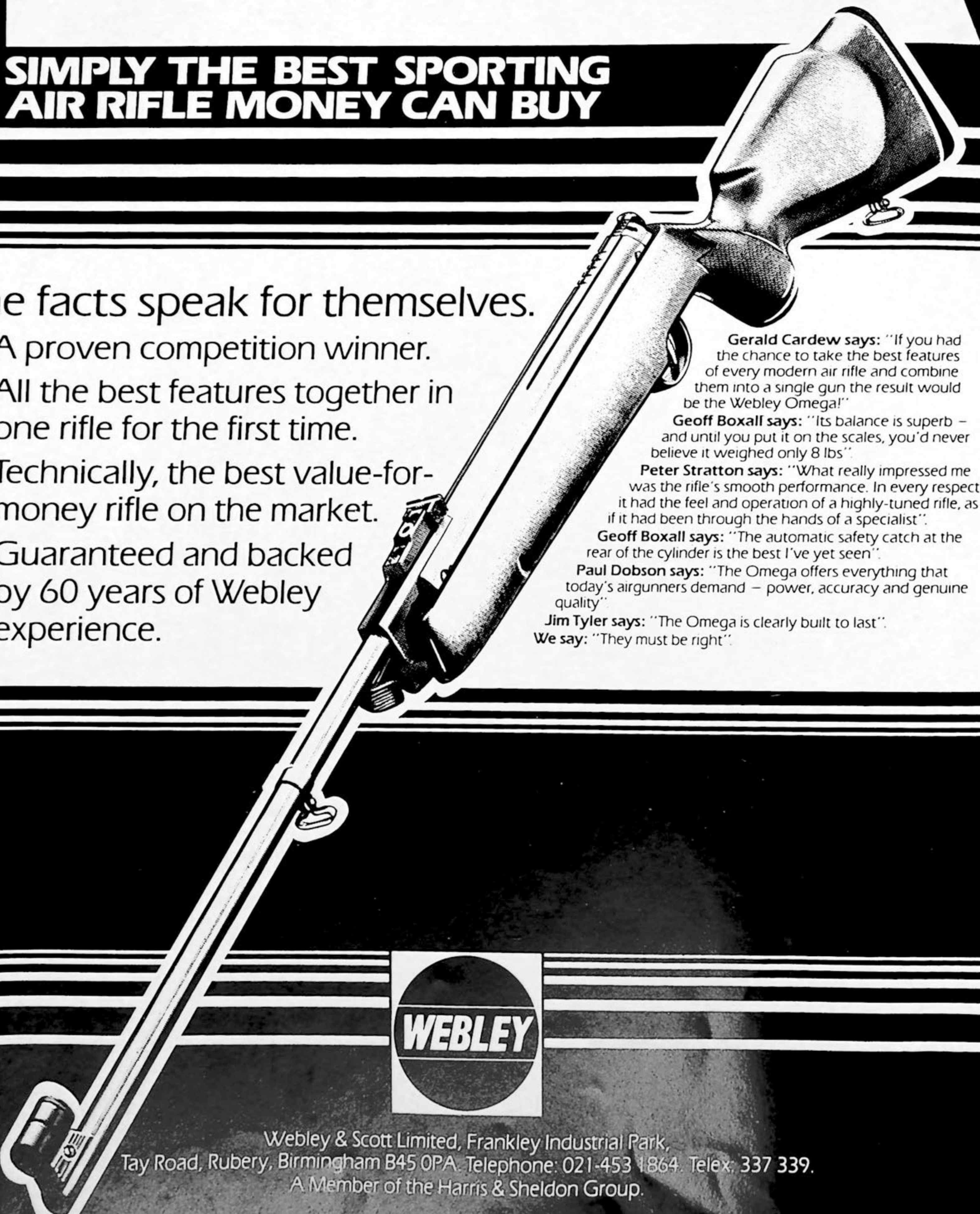

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**Gerald Cardew says:** "If you had the chance to take the best features of every modern air rifle and combine them into a single gun the result would be the Webley Omega!"

**Geoff Boxall says:** "Its balance is superb – and until you put it on the scales, you'd never believe it weighed only 8 lbs".

**Peter Stratton says:** "What really impressed me was the rifle's smooth performance. In every respect it had the feel and operation of a highly-tuned rifle, as if it had been through the hands of a specialist".

**Geoff Boxall says:** "The automatic safety catch at the rear of the cylinder is the best I've yet seen".

**Paul Dobson says:** "The Omega offers everything that today's airgunners demand – power, accuracy and genuine quality".

**Jim Tyler says:** "The Omega is clearly built to last".

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**The new, comprehensive range of scopes from Air Arms.**

# Scope Review

### Jonathan Wilkes looks at the Air Arms range of scopes

AIRGUNS HAVE GAINED a lot of respectability over the past decade or so and evidence of this is the amount of money that airgunners spend not only on their rifles, but also on accessories. Undoubtedly the most popular accessory is the telescopic sight. Most shooters now fit one almost as a matter of course when they buy a new rifle, but often they give little thought to whether or not they really need one.

It's not really the airgunners' fault, though. Japan has grown to dominate the optics market, turning out lenses of a very acceptable quality at prices that, in real terms, are actually falling. Such is the choice of makes and specifications that it would need an entire article just to list them all, never mind review them! Things are not quite what they seem, however, and many lenses that appear in various brands of telescopic sights are, in fact, made in the same factory with little more than the name and the price to differentiate them.

Another thing they share is value for money. It used to be the case that an airgunner had to choose between a very cheap scope with a small objective lens and blurred optics, or the 'crème de la crème' in the shape of a Zeiss or Redfield. That has all changed now, with reasonable quality lenses available at a price affordable to even the most budget-minded airgunner.

If you haven't guessed already, my product on review this month is a range of scopes from the British firm of Air Arms! That's as far as the 'British' part goes through, as all the sights hail from the 'Land of the Rising Sun'.

Although they remain principally an airgun manufacturer and so can afford to work with low profit margins on their scopes, Air Arms are clearly serious about this range of telescopic sights. It would have been easy for them just to offer one or two of the more popular models and leave it at that. They would probably have sold quite well — not least to shooters who buy their rifles from Air Arms — and the company would have made a profit without too much extra effort. Anyone who aspired to own anything outside the common specifications would have had to look elsewhere.

Thankfully this is not the way Air Arms have played things. Their range, while not totally comprehensive, covers just about what most airgunners will want. It would be a really unconventional or rich airgunner who could find nothing in this range to satisfy his needs.

Let's begin with the cheapest end of the range — the humble 4 × 20! I say 'humble' — and a lot of 'knowledgeable' airgunners pour scorn on them, saying that in some cases they are worse than useless — but I for one cut my airgunning teeth on this kind of scope and there is a lot to be said for them.

Air Arms' 4 × 20 costs only £10.71, for example, including the mounts! Optically they fall far short of their larger cousins but that is to be expected. My test model gave a clear picture at the centre of the field of view, but blurred badly towards the edges — an area which also suffered from the 'rainbow' effect typical of cheaper lenses. The small area of the objective lens, one-quarter that of a 4 × 40, means that the image was far from bright, too, despite the coated optics.

All this means that you wouldn't use this scope for hunting at dawn or dusk. In all fairness, though, it was never designed for that and its thin wire crosshairs probably wouldn't be visible anyway.

In the back garden at normal plinking ranges the 4 × 20 comes into its own, however, and can breathe new life into games that have become boring and repetitive. I think that if you are presently using iron sights and are thinking of giving a telescopic sight a try, then your money would not be wasted on this one — provided you bear its limitations in mind.

The next size up in the Air Arms range is the 32 mm objective lens. Two examples are featured, one of which is the 4 × 32. This is a very popular specification of scope and the competition in the market is fierce. My test model was a particularly well made example, which any airgunner would be proud to own.

The body of the scope is made from alloy and coated with a non-reflective black anodised finish, as are all the remaining models on review. It looks tough and should stand up to a lot of use in the countryside. Its field of view is circular, which I prefer, and the image given was adequate.

I will criticise it, though, for being slightly blurry towards the outermost edge of the picture because I could see no reason for this. None of the other scopes in the range suffered from this particular fault — with the exception of the 6 × 45 PA — and you tend to expect this with large magnifications anyway. It is quite possible that this was just a fault of this particular example, although the only way to decide would be to examine several of the same type.

The light transmission of the lenses was very good and I could not find any fault

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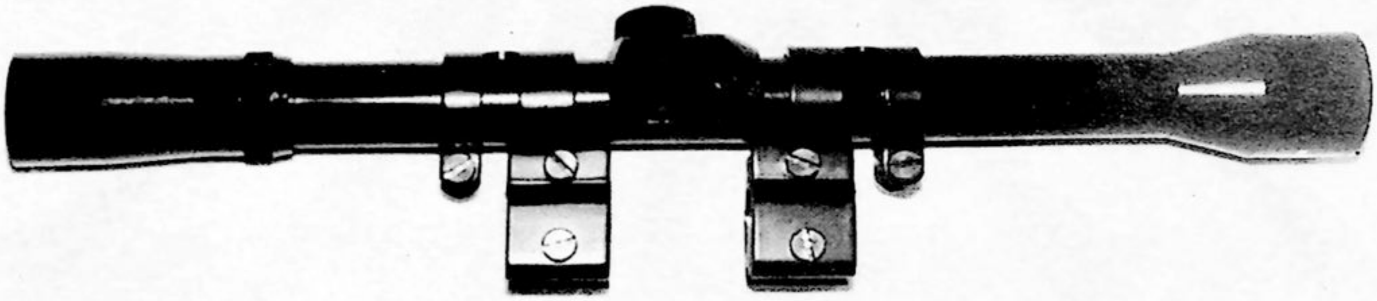
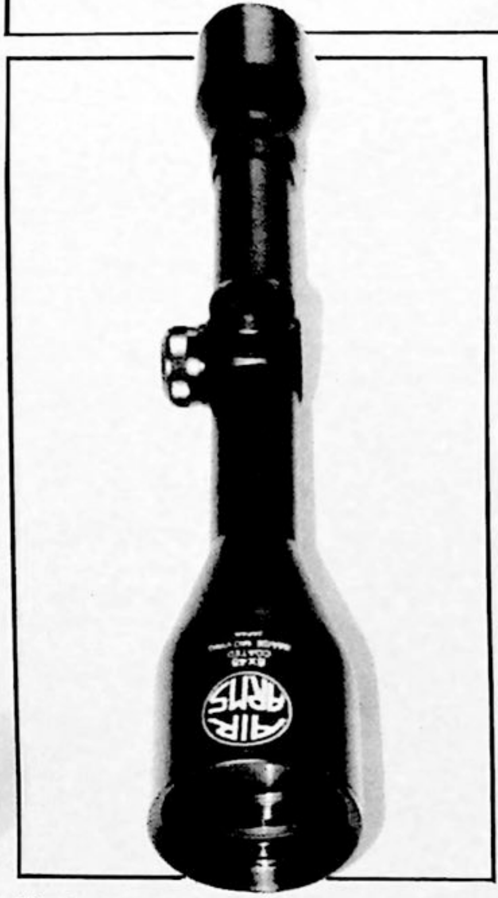


**The Air Arms 4 × 20 costs just £10.71, including the mounts.**



**The 6 × 45 model has parallax adjustment and the BDC mechanism.**

there. A bright image is a necessity for a hunting scope, as it will earn 90 per cent of its keep during the twilight hours. This is one of the reasons why its dual-X reticule has become the most popular with hunters worldwide. The thin, central crosshairs are accurate for shooting during the daylight, while the thicker posts come into their own at dawn and dusk, enabling the correct aim to be found quickly.

Although it should not strictly be necessary, I was pleased to see that the edge of the ocular bell has a thick, rubber surround. For some reason, a few airgunners insist upon pushing their eye as close to the eyepiece as possible, despite the fact that the best image is an inch or two back from this. The result is a very unhealthy whack on the eyebrow that often results in a nasty cut! Even the rubber will not protect anyone who continues with this habit, but at least it should reduce the injury.

Telescopic sights went through a phase a few years ago of being fitted with bullet drop compensators — basically a graduated scale on the outside of the elevation turret that could be rotated to alter the pellet's point of impact to suit the range of the target. The scale meant that provided the shooter took the time and trouble to learn what compensation was necessary for any particular range, then he should be able to aim dead-on at every target, thus removing the inaccuracies due to insufficient or excessive holdover.

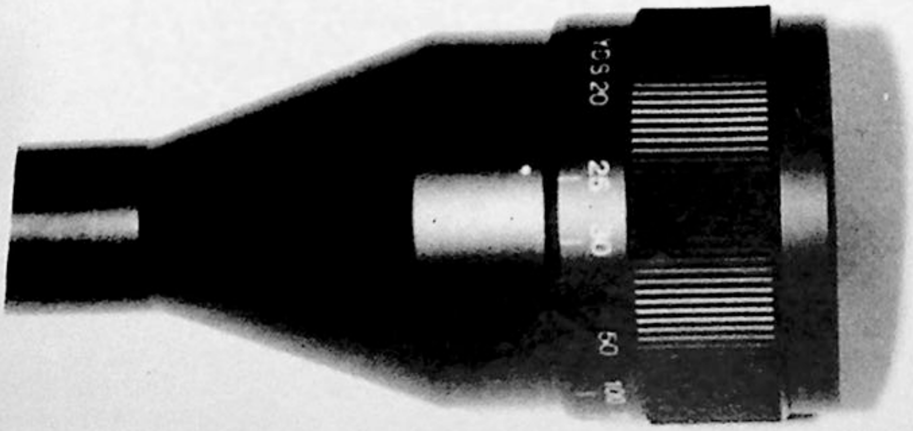
The theory was flawed to some extent by the shooter wrongly estimating the range of his target — 40 yards looks further through a crowded wood than it does across an open field — while the BDCs themselves sometimes compounded the error by being easy to nudge off zero and having scales that were difficult to read.

Most of the Air Arms range of sights are fitted with a form of this BDC system, but thankfully they are free from these faults. The scale is easy to read, the zero is easily adjusted and while the turret cap is not stiff to move, it is shaped so that an inadvertent knock will not dislodge it. Even if it does, the attentive airgunner will soon notice that the scale reading has altered and so he will be able to reset it.

The 4 × 32, costing £34.36, is complemented by the 1.5-5 × 32 zoom at £48.30. This is for the airgunner who prefers the flexibility of a zoom scope, and the compactness of the 32 mm sight. Its optics were irreproachable, and this was one of the reasons that I wondered about the blurring on the 4 × 32.

Normally you would expect the optical quality of a zoom to be suspect before that of a fixed power model, primarily because a zoom uses more lenses in its manufacture. Perhaps the 1.5-5 × 32 lacked some of the sharpness at 5× that it showed at the lower magnifications, but if so it was marginal. All in all it was my favourite scope from the range and deserves to sell well as it combines all of the features of its fixed power brother while offering the benefits of a zoom, too!

Every manufacturer offers at least one 4 × 40 in their range and Air Arms are no exception. This scope has a circular field of view that is quite exceptionally sharp throughout, and even at the extreme edge of the picture the vertical lines remain vertical and the sharp lines remain sharp. The Dual-X reticule will please almost everyone. In general 4 × 40 scopes are of variable quality — I have seen very good examples and very bad ones, too. The Air Arms 4 × 40 certainly belongs to the former category and if you were interested in a scope larger than the 4 × 32, I would have no hesitation in recommending this one. At £41.50 who could resist it?



**The quick focussing ring on the 6 × 45 PA.**

Beyond the 40 mm objective lens lies the 45 mm. This is a really meaty looking beast and is the largest you can fit on most rifles without high-rise mounts. Air Arms are offering three variants of this lens that between them should satisfy just about everyone.

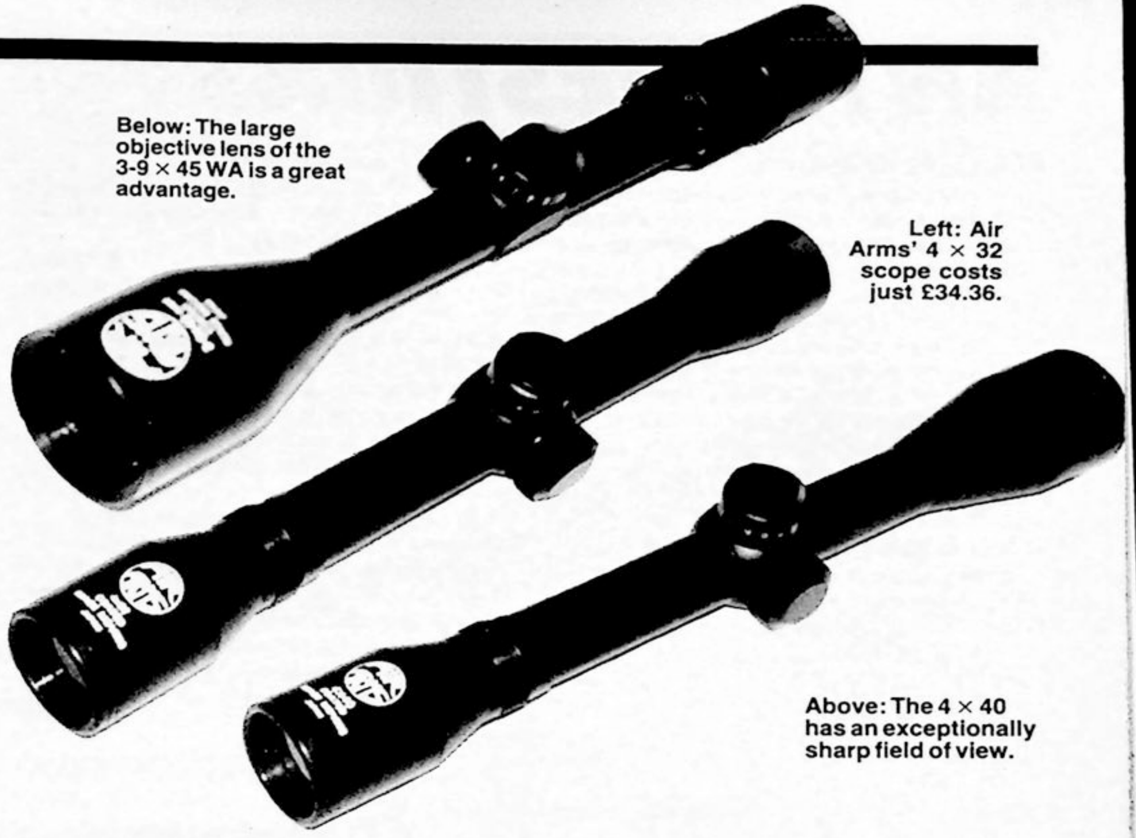
Two are almost identical, sharing everything except the BDC mechanism and parallax adjustment, and the 6 × 45 PA model has both. Surprisingly again, as with the 4 × 32 and the 1.5-5 × 32, the optical quality was markedly different. While the PA model gave a poor image towards the edge at longer ranges, the non-PA remained sharp. The closer to the target you are, the more use you make of the adjustable parallax and the sharper the image of the PA model becomes in comparison to the non-PA. Both are worth their price tags of £53.50 for the non-PA and £62.92 for the PA model, however. It all depends at what sort of range you do most of your shooting.

Personally I find that 6× magnification is too much at normal air rifle ranges. I know that it is particularly favoured by field target shooters, though, especially those who specialise in the long range events. For my money, I would choose the 3-9 × 45 Wide Angle at £76.31, despite my stated preference for circular fields of view.

The reason for this choice is quite simple. The vast majority of so-called wide angle scopes are not really wide angle but masked-off, circular ones instead, so you are paying more and getting less! But 3×-9× is a usefully wide range of magnification and although the image is blurred under 35 yards and at high power, the ability to zoom right down cures this.

The major advantage of this scope is the larger surface area of its objective lens, which means that it gathers more light. Compared with a 40 mm lens, the 45 mm is more than a quarter larger in area while in weight and size it is almost the same.

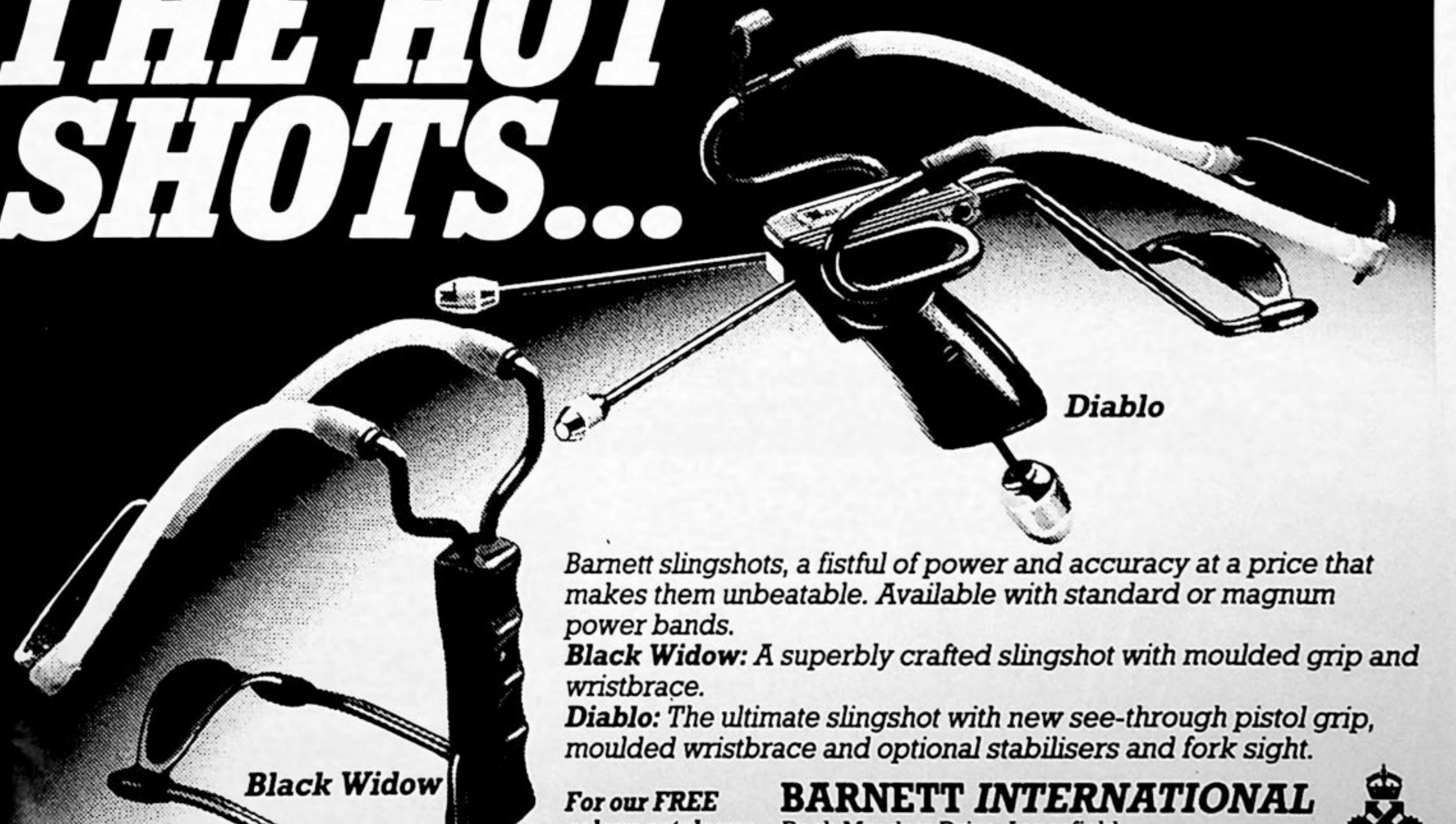
Air Arms should feel proud of this range of scopes as it has something for just about every airgunner in it. I know that I shall be giving them all a second look when the time comes for me to change my scope!



**Below: The large objective lens of the 3-9 × 45 WA is a great advantage.**

**Left: Air Arms' 4 × 32 scope costs just £34.36.**

**Above: The 4 × 40 has an exceptionally sharp field of view.**



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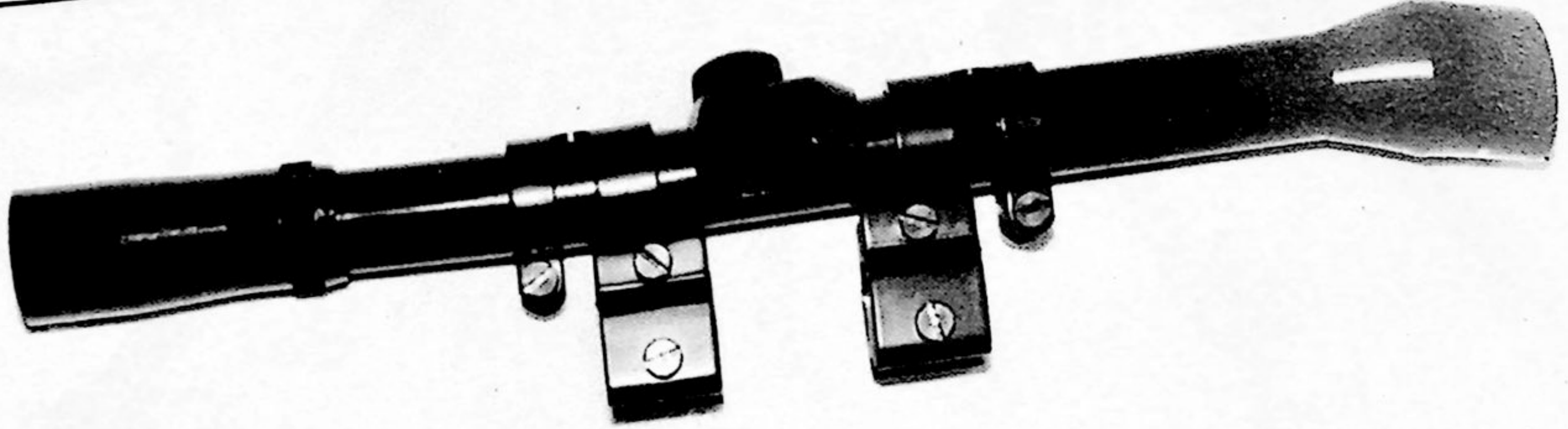

The Air Arms 4 × 20 costs just £10.71, including the mounts.

The 6 × 45 model has parallax adjustment and the BDC mechanism.

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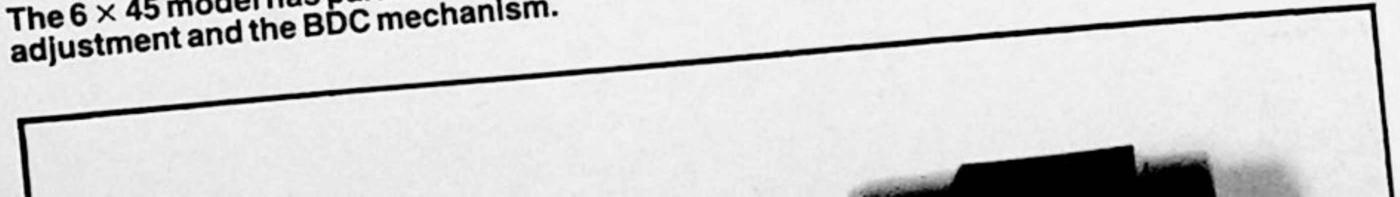

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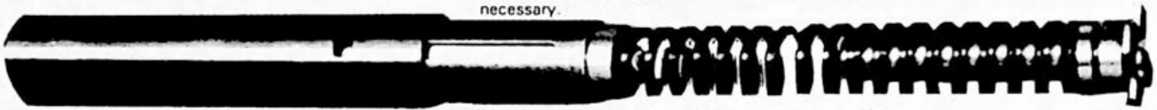

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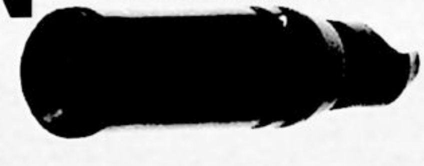

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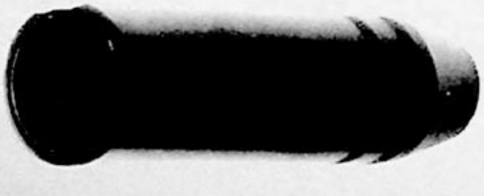

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## SAFETY FIRST

Referring to the picture on page 65 of the April issue, I would like to make a point about loading spring air rifles safely. The picture shows a man resting the stock of the gun in a very sensitive part of his anatomy, the cocking lever hanging down and his fingers in the sliding breech — a very dangerous situation.

When loading a spring air weapon the stock should be under the arm and the cocking lever or barrel held with the hand of the same arm at all times while the pellet is inserted into the breech. If the sear does slip or break at least you stand a chance of restraining it. Dennis Hiller's book *The Complete Airgunner* illustrates this perfectly.

**P. Wilkinson,**
Rotherham, Yorkshire.

## LEE ENFIELD SAGA . . . 1

Having recently seen an item on the BBC six o'clock news, I feel I must write about the damning of the new Saxby & Palmer Lee Enfield air rifle. The reporter who introduced the item stated it was a 'lethal and very powerful new rifle', but as anyone interested in airguns knows, it is no more lethal than any other air rifle and certainly no more powerful.

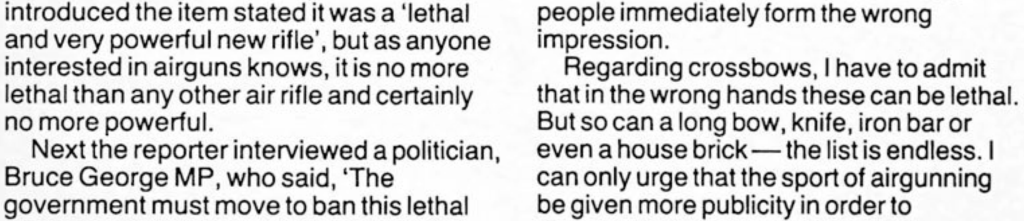
Next the reporter interviewed a politician, Bruce George MP, who said, 'The government must move to ban this lethal weapon or make it very difficult for it to get into the hands of those who may misuse it'.

This attack on the rifle by an uninformed politician must not be allowed to cause the government to impose unwanted and unnecessary laws, including a certificate system, to further limit our sport. This has already happened to shotgun and firearms owners.

Mr George seems to think that the new air cartridge design makes the rifle more dangerous than other airguns — either that or he thinks that a rifle weighing 9 lbs and measuring just under four feet long is more likely to be used in a bank raid than a highly concealable shotgun.

I hope other readers take special care to present a favourable impression to the police and the government. This appears to me to be the only way of keeping our sport virtually free of legislation.

**C. Orton,**
Uckfield, East Sussex.



**The cause of all the controversy — the Saxby & Palmer converted Lee Enfield rifle.**

## LEE ENFIELD SAGA . . . 2

After viewing the TV demonstration of the Lee Enfield rifle by Mike Saxby of Saxby & Palmer, it's no wonder the air rifle is causing controversy. If the TV item had shown the air rifle being used in the proper context — in an organised, safely conducted field target shoot — I am sure it would have conveyed a different picture to the non-airgunning public. Surely Mike Saxby knew the effect the Lee Enfield would have on full, shaken up cans of Coke, but you would get exactly the same result using a youngster's BSA Meteor air rifle. Because of the visual aspects of the Lee Enfield people immediately form the wrong impression.

Regarding crossbows, I have to admit that in the wrong hands these can be lethal. But so can a long bow, knife, iron bar or even a house brick — the list is endless. I can only urge that the sport of airgunning be given more publicity in order to disassociate our genuine sport from the hooligan element.

**J. Foster,**
Runcorn, Cheshire.

## LEE ENFIELD SAGA . . . 3

It was with disgust that I watched the latest effort by the 'do good brigade' on TV recently. The target this time was not the crossbow, but the Lee Enfield air rifle conversion.

A clever 'marksman' shot at cans of Coke to show the dangers of this 'ultra high powered' weapon. I have a £14.50 Panther air rifle which will blow up a flimsy Coke can just as well, but this was not the real point.

The theme was the criminal and a 10-shot, true repeating air rifle which can be bought over the counter and used for armed hold-ups, with the facility to remain cocked and with a 9 shot back up. The argument that what crook will pay £200 for a 'puny' 12 ft lbs air rifle, when he can obtain a Russian, single-barrel 12 bore for £50 with all that extra stopping power was waved aside. It was suggested that the Lee Enfield be banned or put on ticket. Once again we all know that any crook can obtain all the weapons he requires through the 'back door' or by theft.

I feel sorry for Saxby & Palmer and World Wide Arms as they have put a lot of work into this conversion. But the very points they have advertised as virtues — the first true repeating 10-shot air rifle — are the points which the general public will use to get the rifle banned, or at least put on ticket. If this happens no one will want the hassle of firearms regulations and another great idea will bite the dust.

As a member of the BASC and a person with 45 years of shotgun and airgun experience, I hope all the relevant bodies can get together and put the trouble makers and spoil sports in their place. I wish them every success.

**J. Pain,**
Witham, Essex.

## LEE ENFIELD SAGA . . . 4

Is there any justice in this world? I am referring, of course, to the 'anti' biased news report on March 13th in which a 'normal' airgun was compared with the new bolt-action Lee Enfield airgun. The Lee Enfield was portrayed as an 'ultra powerful killer' that can blow cans of fizzy drink in half!

First, the can shot by the 'normal' airgun was empty and nailed to a tree so that it didn't fall off and make it look too powerful.

Second, the Lee Enfield was shot at full cans of fizzy drink, and by the way the drink came out of the can, it was undoubtedly shaken vigorously beforehand. All this was designed to look spectacular!

Any airgunner knows that a well functioning Weihrauch or Webley air rifle would have done exactly the same thing. I may be only 14 years old, but I know bias when I see it.

**Richard Nash,**
Great Yarmouth, Norfolk.

*continued on page 50*

continued from page 49

## CLEAN IT UP

I am writing to you in response to the Editor's comment in the April issue. As a responsible airgunner, I think it is time to get rid of the 'Rambo' image as it has been called. We must do this if we are to protect our sport.

For example, in the April issue of *Airgun World* there are advertisements and articles on crossbows, compound bows, survival knives with built-in crossbow, military styled soft airguns and replicas, air canes and knuckle duster paper weights. *Airgun World* is a good magazine and it doesn't need this — let's stick to articles and advertisements about airguns and airgunners. I realise that advertisers' money helps finance magazines, but I am sure many readers would rather pay more for the magazine than see these subjects appear.

As for the Saxby & Palmer Lee Enfield rifle, after seeing Mike Saxby demonstrating the rifle on BBC TV news recently, all I can say is that he deserves everything that his firm gets. He gave the 'antis' all the ammunition they need to get his gun banned. No wonder they called it a lethal weapon, when he has obviously told them that a high powered version could be used to kill hijackers. And why use exploding Coke cans instead of paper targets?

As for calling the gun a £200 precision air rifle, who's he trying to kid? I do think that the cartridge idea is quite good, although the rifles and pistols using it leave a lot to be desired. Until something is done to ensure consistent power between shots it is a non-starter anyway.

It seemed to me that instead of defending his gun, Mike Saxby was treating the whole thing as a free TV advertisement for the military side of his business. This is great for future business, but what about the image it gives the public of airgunners?

Let's clean up our sport before it is too late. The 'Rambo' clones can always join the Army — or start their own magazine.

**Alan Martin,**
Northampton.

## I.D. PARADE

Could any *Airgun World* readers help identify a Hungarian air rifle I have acquired.

The make is 'Jelly' and printed on the barrel is 'Lampagyar, Budapest'. The calibre is 5.5, the overall length 45 inches and the tapered barrel is 20⅝ inches long. Its serial number is 0671.

The action is break-barrel and the sights are similar to pre-War BSAs. Sling swivels are fitted and a very heavy steel butt plate is screwed to the beech stock.

Any help from readers would be much appreciated.

**P. Taylor,**
Goole, North Humberside.

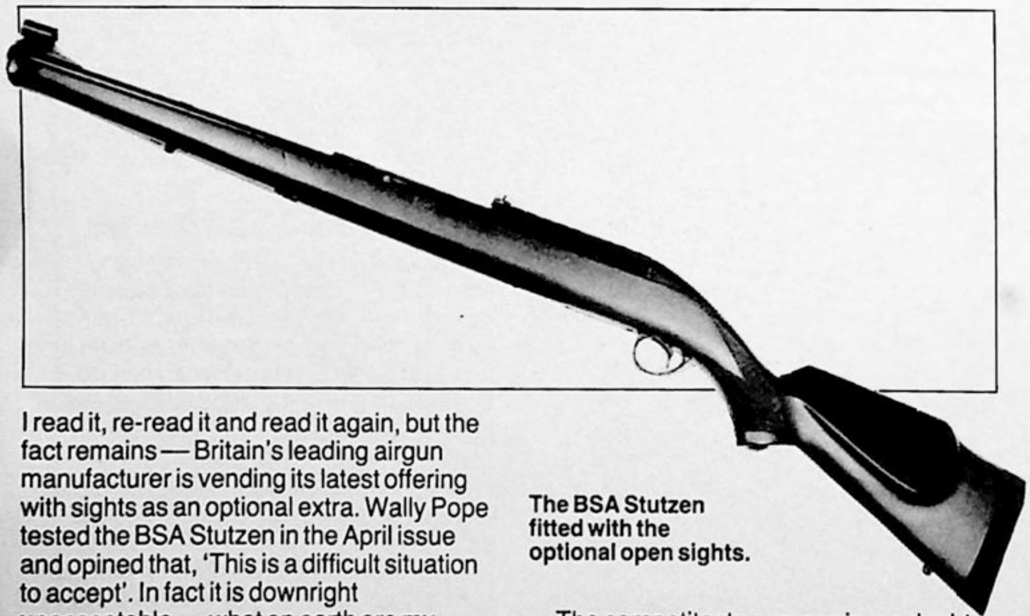
## WE'RE NOT GULLIBLE

I am writing to complain about Steven Richards' letter in the April issue accusing younger shooters of being gullible. At the airgun club I attend most of the expensive outfits are owned by the older members. I own a BSA Mercury and an ASI 4 × 32 scope which I had to work very hard for, and it is certainly not an expensive outfit.

Remember that the younger shooters of today are the older shooters of tomorrow, so please stop criticising us.

**John Coates,**
Birtley, Tyne & Wear.

## WOT NO SIGHTS!



The BSA Stutzen fitted with the optional open sights.

I read it, re-read it and read it again, but the fact remains — Britain's leading airgun manufacturer is vending its latest offering with sights as an optional extra. Wally Pope tested the BSA Stutzen in the April issue and opined that, 'This is a difficult situation to accept'. In fact it is downright unacceptable — what on earth are my compatriots up to?

So there it is — the summation of 125 years company existence sees this ultimate refinement. Could you imagine purchasing a motor car with the steering wheel obtainable only for an additional fee? Alas, all too clearly the same, sad indications are in train with a declining native industry in prospect, abetted by maladroit policy as already recounted.

The competitor to surpass is, no doubt, the Weihrauch HW77. My own model — sights and all — cost £90 in October last year and it is excellent. How can such a weapon be designed and produced at this price in a land with a much higher standard of living and concomitant wage rates? That is the problem to address if the home product is to survive.

**K. Daws,**
Orpington, Kent.

## DREAM RIFLE

I have read with great interest *Airgun World's* recent issue containing details of readers' views on a Dream Rifle and The Airgun of the Year. Having extolled the virtues of the Original 50 — but sadly denigrated the latest, somewhat ugly version more recently — it is obvious that various experts can have quite an influence on the results of such surveys. Agreed, they are experts, but even experts cannot always agree nor the public with them.

As I tend to make up my own mind on such matters, my considered opinion as to what constitutes a Dream Rifle, and which would undoubtedly be my Airgun of the Year, are as follows:

The looks of the earlier — more curved — Original 50 or BSA Centenary.

Available with a choked barrel in .177, .20 and .22 calibres, with a .25 on FAC.

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Theoben finish.

Adjustable buttplate and sling swivels.

Is anyone interested in my ideal rifle?

**David Utting,**
Whitstable, Kent.

## AIRGUN REGISTRATION

I would like to express my dismay at the increasing — certainly in news coverage — misuse of air weapons. I'm sure most readers are aware of the recent stories that have made the national papers, but I have seen an example of a local one. A mindless idiot used an air weapon to shoot at livestock in the window of a pet shop — at night, of course!

Incidents of this sort have completely changed my views on licensing guns, and I now feel that if we are to save our sport we must accept a registration of all weapons at the very least. This certificate would record the sale of an air weapon by a dealer or private sale in the same way as motor vehicles.

I would like all law abiding citizens to have the right to own firearms as they do in America, even if it is a strictly sporting single shot or similar gun. I also urge all *Airgun World* readers to join the BASC and make themselves heard. There are an awful lot of us you know!

Soft air weapons may be fun for some, but I do not think any type of gun which might possibly encourage impressionable youngsters to point a weapon at anyone for any reason, is desirous.

But remember, as one MP was heard to say on the news recently about the Lee Enfield air rifle, high-tech air weapons need high-tech laws to restrict them!

**P. Orchard,**
Penzance, Cornwall.

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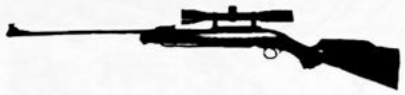

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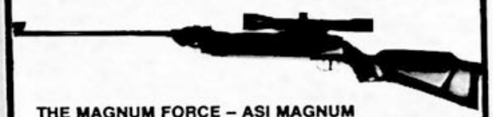

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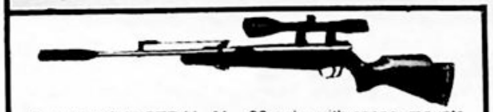

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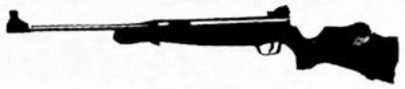

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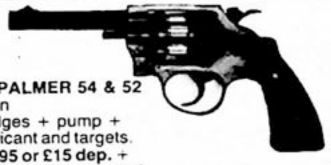

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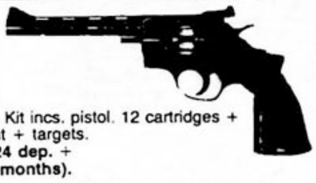

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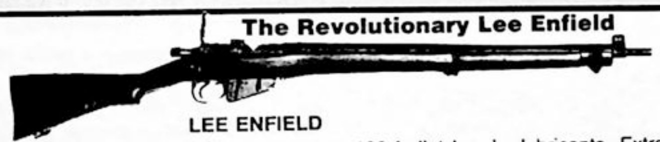

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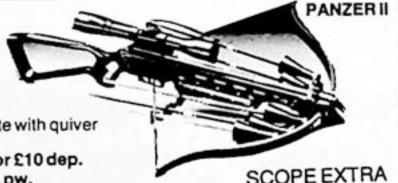

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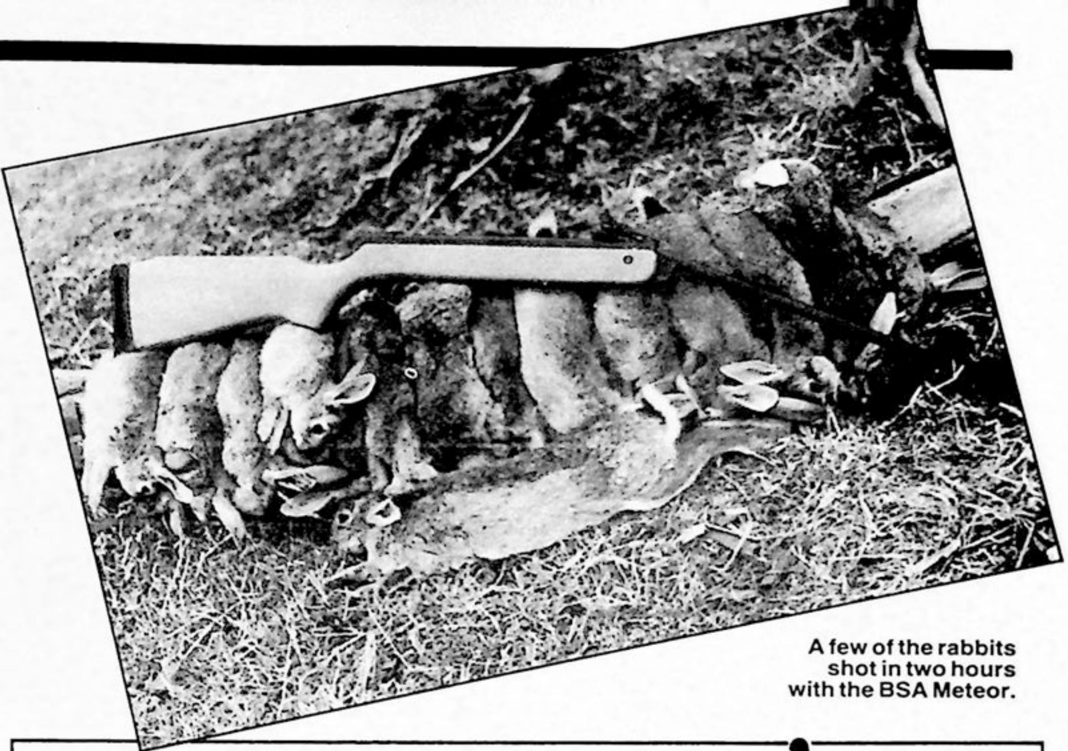


A few of the rabbits shot in two hours with the BSA Meteor.

# Airguns Down Under

Airguns Down Under

## *John Hill reports on field shooting in Australia*

I SMIRKED a little when I read an article in *Airgun World* about an airgunner who hunted rabbits over a 13 acre property. The contrast between this and my doing the same thing over a 5,000 acre property using a centrefire rifle just goes to show how much wide open space there is in Australia — and yet I live in a relatively settled area in central Victoria.

But because I shoot rabbits with a centrefire rifle on properties of immense size, it does not mean that I have no time for air rifles. On the contrary, I obtain a great deal of pleasure from using them. In the late spring and early summer, when rabbits are plentiful, I leave my larger rifles in the cupboard and set out with one of my .22 calibre air rifles. A .22 air rifle is definitely better for hunting than the smaller .177 calibre, in my view.

I have two hunting rifles — an open sighted BSA Meteor and a scope sighted Webley & Scott Vulcan. These are two of the better types of air rifle available in Australia.

I hunt with air rifles because I want to. I believe air rifle hunting brings out the best in a hunter, as he must be both a good stalker and a capable marksman if he is to fill his bag successfully. Strangely, it was my interest in archery that originally started my interest in air rifle hunting. As this statement does not make a great deal of sense, I shall explain further.

Four friends of mine had returned empty handed from an unsuccessful bow hunt — as hunting with a bow is allowed in Australia. Apparently they shot at many rabbits and had several near misses. I laughed at their unsuccessful hunt and claimed that they would have been better equipped in the field with an air rifle rather than a bow. Needless to say, such a remark did not go down too well, and I was forced to take up the challenge to prove the point.

To cut a long story short, I went out to my favourite rabbit haunt with my BSA Meteor and shot 22 rabbits in the space of about two hours. To be perfectly honest, no one was more surprised than I.

The ridiculous part of it all is that such a tally is almost a record as far as I am concerned. Only on one other occasion have I shot more rabbits than on that particular morning, with any rifle.

In the interests of my credibility I must add that in Australia the rabbit, which is an introduced animal, is classified as vermin. Rabbit populations often reach alarming proportions and the damage that this small animal can do has to be seen to be believed.

In the early morning it is not uncommon to look quietly over a grassy rise and see a dozen or so cotton tails feeding in the gully below. I imagine such a scene to be vastly different to that which exists in Britain.

There are places in Australia where rabbits are so numerous that they pose a serious threat to primary industry. To keep their numbers in check, rabbits are poisoned, fumigated and have their burrows ripped up by ploughs. On top of this, they have to contend with natural predators and the virus myxomatosis, which is a particularly effective, if unpleasant, control. But despite this constant warfare, large numbers of rabbits still abound.

After that momentous morning with the Meteor, I have hunted with an air rifle on many occasions and have never returned empty handed. Readers who own a Webley & Scott Vulcan will realise that these rifles pack a better than average wallop. My well tuned Vulcan chronographs a 14 grain pellet at 655 fps, which equates to 13.2 ft lbs muzzle energy. I know that this would require an FAC in the UK, but it really is not a problem where I live.

Australia has other introduced pests in the bird category. Starlings and sparrows in particular make their presence felt on fruit trees and grape vines during the fruit season towards the end of summer.

An air rifle is the ideal weapon for this feathered vermin and my rifles have claimed a good number of these fruit tree raiders. Once again, a .22 calibre air rifle hits hardest and is quite effective even on large birds like crows. But it is not often I get the opportunity to shoot an adult crow with any rifle, air or otherwise. Crows are so cunning that I believe they can even tell whether or not a rifle is loaded, and they have my respect as a challenging and elusive quarry.

I have very definite ideas as to what constitutes a good hunting air rifle and the following points may help others choose theirs.

The right action is very important in the field and there is no substitute for the speed and silence of loading that the common break barrel, spring operated rifle offers. It is far more convenient than any other type of action. The best aspect of the break barrel air rifle is that it can be cocked or uncocked with a single stroke. Try to uncock a pump up or a loading tap rifle and you will see what I mean.

Choice of sights is also important for a field rifle and my preferences are first a telescopic, then an aperture and last an open sight. However, the first two are dependent on a well engineered fit between the barrel and its pivot point. A barrel stop is also essential for consistent barrel location. If a rifle lacks these qualities, then the standard open sight may be a better choice.

Britain is one of the few countries that publishes magazines on air rifle shooting and *Airgun World* is read in English speaking countries around the globe. The British do not have a monopoly on the sport, however, because air rifle shooting and hunting is a worldwide activity that has a surprisingly large following.

Nearly every shooter begins his shooting career with an air rifle, and if he never hunts with it at some time or other I would be very surprised. I hunted with an air rifle when I was a lad and now find myself doing the same thing some 30 years later. After this considerable period of time the wheel has turned full circle and I have returned to the point where I first started.

The lie of the land is a critical factor when nocturnal rabbit shooting.

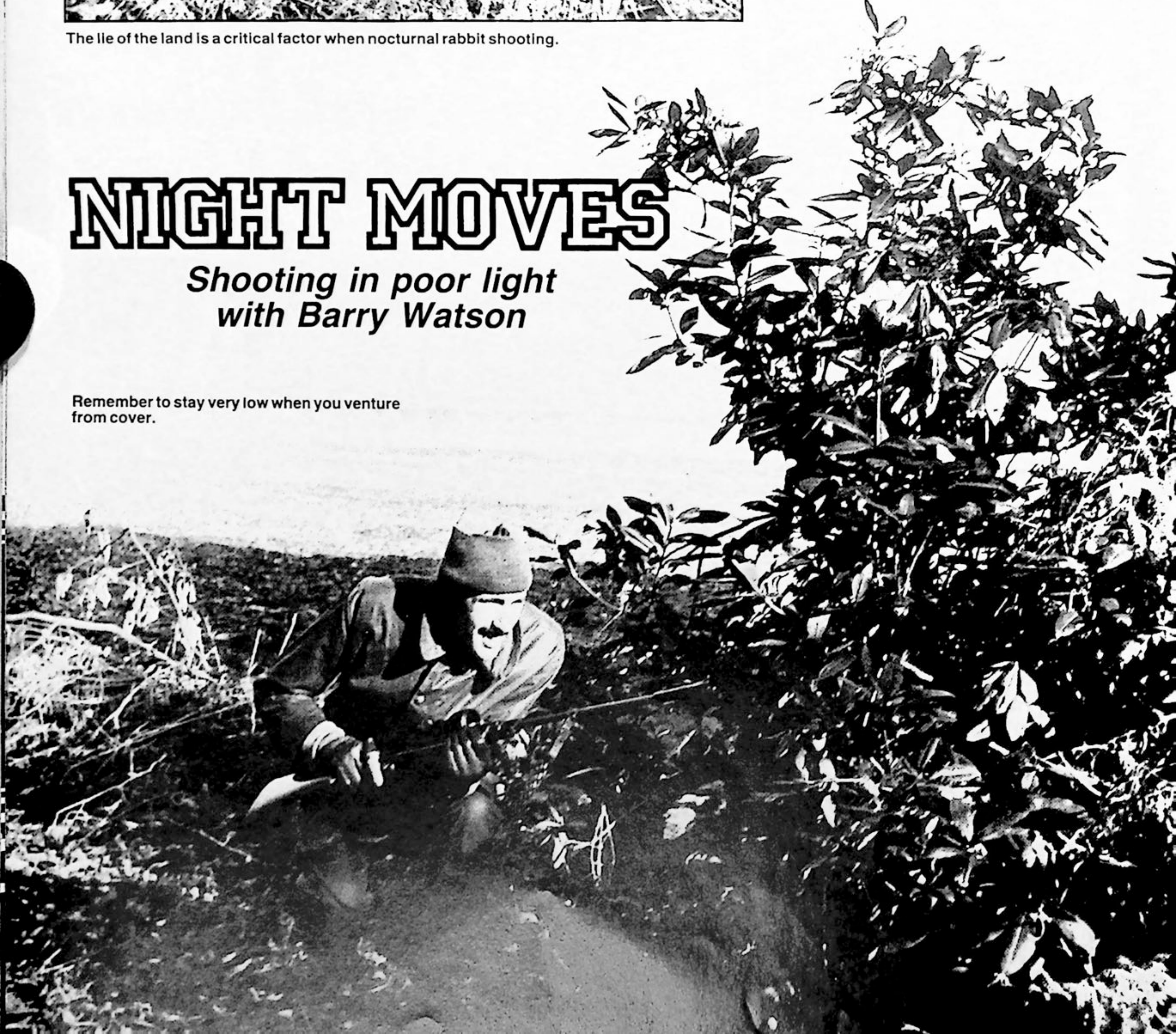
SHOOTING AT NIGHT has always been the domain of the man with the lamp and the muscles from carrying the car battery. Lamping is certainly a very exciting sport, as it bears no real relation to any form of daytime shooting. It is a sad reflection that due to the unscrupulous behaviour of the poaching fraternity, lamping at night has been almost totally ruled out in many parts of the country.

The sight of a beam of light over a stubble field is, quite rightly, almost certain to attract the attention of the local boys in blue. If you have a serious rabbit problem, and lamping is undoubtedly one of the best ways of controlling a large population, a visit to the local station to notify the police of your intentions will save both you, and the law, a lot of time and trouble.

Also, make sure you carry at all times, a signed declaration from the landowner stating that you have permission to be on his land after dark and in pursuit of certain

# NIGHT MOVES

## *Shooting in poor light with Barry Watson*



Remember to stay very low when you venture from cover.

**Your scope must be of the highest optical quality and have a large objective lens.**

specified quarry. Never take game at night with the aid of a lamp. If you're caught, you will be lynched — and not by the neck!

Lamping is not the only way of finding sport after the sun has gone down. With a little thought, care and tremendous patience, many opportunities will arise. Roosting pigeon and rabbits are the main quarry, although rats are a good, but unpleasant possibility as rat bites are very dangerous and should always be treated by a qualified person.

I have spent many hours in windswept, still woods waiting for an unwary woodie. Usually I make sure to be out of the wood an hour after dusk so I don't prevent the keeper's pheasants from going to roost in the small birches and elders.

In the small copses and woods that are not keepered, shooting can go on well into the hours of darkness. But be warned, you may run the risk of emptying the wood for that night, and for many nights after, if you shoot for too long and too regularly. During the summer months, in a mature plantation, you can forget about any form of roost shooting as the branches and the foliage are too thick to enable you even to see the birds, let alone shoot them.

However, in a new wood or one where the trees are mainly thin spindle birches and ash, roosting pigeon or crows which often roost in such areas can provide great sport. Magpies and jays also prefer to roost in similar woods, preferring the more open areas which make them ever alert to the danger of attack. When shooting roosting vermin, ensure that you aim at the silhouette of the head. This way you either score an instant kill or a complete miss.

Shooting rabbits after dusk is seldom undertaken without the aid of a lamp, although it is possible, if difficult, to be successful. The area of land must be very open, and a fair distance from any cover. The edges of fields sown with dense crops often hold a large number of coneys, who use the advantage of the cover to live above ground 24 hours a day. Try not to be tempted to shoot these areas as the rabbits will dive back into the crop and be lost. A rabbit killed instantly in the head can still kick itself several feet, perhaps underground, due to the natural violent reflex kicking action rabbits have when faced with danger.

Far better areas to shoot are the large open seed beds which farmers use to grow cabbages and other brassicas, before planting them out in the autumn. The young plants rarely have the chance to grow very tall and rabbits can be easily seen among them. When shooting such areas open sights are ideal as they allow you to be far more aware of what's going on in the area, rather than the small TV screen image a scope gives.

If you use a scope, it should be one of the highest optical quality and must have a large objective lens. The scope should be set on its lowest power setting, allowing more light into the scope. The extra light gathered will ensure that the object is brighter and easier to shoot at.

Very few people will know just how good their night vision is. Artificial light, of one form or another, is constantly entering your vision producing a bleaching chemical from the cells of the retina. The retina — the light perceiving area of the eye — consists of two types of cell — rods and cones. Cones perceive mainly coloured light, and rods perceive as much as possible of the environment in conditions of low or poor illumination. It is essential therefore that you stay away from any form of artificial light, even to reload. Street lights are a real bane to shooting in the dark and you may as well stay tucked up in bed than try to shoot an area overshadowed by a well lit main road.

The lie of the land is the next critical factor in nocturnal rabbit shooting. Shooting the silhouette is the key. The field should have a gentle slope and preferably a small amount of cover at the bottom. This enables you to shoot from the cover at the bottom at rabbits silhouetted against the preferably clear sky-line and horizon.

Also remember that when you venture from cover you too will become a silhouette to anything lower down and behind you, so stay very low. This method of shooting also breaks one of the golden rules of shooting safety, and that is shooting without a recognised backstop for the pellet.

Unless you are completely certain tha there is no one within several hundred yards of that slope you must not shoot Even with a low powered weapon like an ai rifle the pellet can cause damage or inflic painful and serious injury. Never take chances — it is just not worth it and it is no only your sport that you risk forfeiting.

The best weather conditions for this type of shooting are a wild and windswept nigh with plenty of moving cloud cover Moonlight is your worst enemy. It actuall makes shooting harder and it also make you that bit easier to see. It makes thing stand out but with an 'ethereal' glow tha makes the definition of rabbits on th ground difficult.

All-in-all this is probably the hardest a rifle shooting of all — a real test of fieldcra and your skill as a hunter. That cannot b bad.

# AIR WEAPON SPARES . . .

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**WEIHRAUCHS**
**HW35, HW35E, HW80**

| | |
|---|---|
| 35 Standard stock | £29 |
| 35 Export stock r/h | £59 |
| 35 Export stock l/h | £77 |
| 80 stock r/h | £49 |
| 80 stock l/h | £55 |
| Rubber recoil pad | W |
| Pair sling swivels | L |
| D'Luxe det swivels | V |
| Leather carry sling | H |
| D/L leather sling | P |
| Pr front stock screws | F |
| Front stock bold (35) | C |
| Cylinder unit only | £49 |
| Cylinder end block | £19 |
| Trigger guard | F |
| Front guard screw | C |
| Rear guard screw | B |
| Trigger assembly | £26 |
| Tr. ass. retaining pins | D |
| Trigger | G |
| Trig. pressure screw | C |
| Pr. screw lock nut | C |
| Trig. pressure spring | C |
| Safety catch & spr. | N |
| 35E plastic grip cap | C |
| Diopter rearsight | £48 |
| Rubber eyecup | I |
| Rearsight as fitted | £17 |
| Rearsight elev. wheel | C |
| Rearsight ret. screw | C |
| Windage adj. screw | C |
| Foresight as fitted | £19 |
| F'sight & Eagle eye | £35 |
| Foresight ret. screw | C |
| Any f'sight element | B |
| 35 Std. barrel only | £29 |
| 35E barrel only | £34 |
| 80 barrel only | £34 |
| Barrel latch & spring | K |
| Cocking link assembly | L |
| Cocking link pin | B |
| 80 Piston slide | D |
| 80 Barrel latch & pin | J |
| Breech seal | C |
| Barrel axis bolt assy. | C |
| Pair axis bolt shims | D |
| 35/80 Piston ass | V |
| 77 Piston ass | Z |
| Piston ass. complete | Z |
| Piston head unit | G |
| Mainspring | K |
| Mainspring guide | G |
| Pr. 1" tube scope mnts. | N |
| Pr. recoil arrest blocks | J |

**HW70 PISTOL**

| | |
|---|---|
| Piston assembly | N |
| Piston washer & rivet | G |
| Mainspring | G |
| End cap | G |
| Barrel axis shims | D |
| Breech seal | C |
| 4 stock ret. screws | H |
| Rearsight assembly | Z |

**FEINWERKBAU**
**Sport**

| | |
|---|---|
| Luxury stock r/h | £55 |
| Luxury stock l/h | £58 |
| Standard stock | £38 |
| Butt plate and screws | P |
| Plastic grip cap | C |
| Pr. front stock screws | F |
| Front sling swivel | G |
| Rear sling swivel | D |
| D'Luxe det. swivels | V |
| Black nylon webb belt | J |
| Leather carry sling | H |
| D'Luxe leather sling | P |
| Trigger housing | V |
| Trigger inc. adj. screw | I |
| Trigger spring | C |
| Sear | E |
| Sear spring | C |
| Bent | J |
| Safety catch | F |
| Safety catch spring | C |
| Trigger guard | G |
| Front guard screw | C |
| Rear guard screw | B |
| Main body cyl. | £35 |
| Cyl. to stock lug | E |
| Diopter rearsight | £38 |
| Rubber eyecup | G |
| Rearsight as fitted | W |
| Rearsight ret. screw | B |
| Foresight as fitted | U |
| Foresight ret. screw | C |
| Any f'sight element | B |
| Barrel only | £49 |
| Barrel latch spr. & ball | D |
| Barrel latch lug | E |
| Breech seal | C |
| Barrel axis bolt | F |
| Axis bolt shim | B |
| Cocking link ass. | G |
| Piston slide | F |
| Piston ass. complete | T |
| Piston head unit | D |
| Mainspring | I |
| Pr. 1" tube scope mnts. | N |
| Pr. recoil arrest blocks | J |

**RELUMS**
**Zodiac 322 and old**
**Tornado underlever**
**(Simple flat rearsight)**
**LG15V Super Tornado**

| | |
|---|---|
| Pr. front stock screws | F |
| Trigger guard | E |
| Rear guard screw | B |
| Outer trig. adj. screw | C |
| Inner trig. adj. screw | C |
| Trigger press spring | B |
| Trigger | D |
| Sear | E |
| Trigger/Sear spring | C |
| Rearsight as fitted | F |
| Rearsight elev. screw | B |
| Underlever & catch | J |
| Underlever axis bolt | C |
| U lever to C. link pivot | C |
| U lvr catch ass. only | D |
| Cocking link | G |
| Cocking link pivot | C |
| C. link flat spring | C |
| Outer mainspring | H |
| Inner mainspring | H |
| Pellet delivery ass. | N |
| Cylinder end cap | G |
| End cap retaining pin | A |
| Piston head unit | G |

**SPR TORNADO LG15V**

| | |
|---|---|
| Stock | £17 |
| Pr. front stock screws | F |
| Butt plate & screws | P |
| Trigger guard | E |
| Rear guard screw | B |
| Front guard screw | C |
| LG Trig. mech. complete | N |
| Rearsight as fitted (new) | H |
| Foresight as fitted(new) | E |
| Foresight guard | C |

**RELUM 527 & 522**
**(Most parts as**
**SPR Tornado)**

| | |
|---|---|
| Cocking link ass | F |
| Barrel latch & spring | E |
| Barrel lock bar | C |
| Barrel axis bolt | C |
| Axis bolt washers | C |
| Breech seal | C |
| Mainspring guide | D |

**RELUM TELLY 200**

| | |
|---|---|
| Cocking link assembly | K |
| Barrel latch & spring | K |
| Barrel catch pin | D |
| Barrel axis bolt | C |
| Barrel only | T |
| Breech seal | C |
| Front or rear swivel | C |

**B.S.A.'s**
**METEOR (Early models)**

| | |
|---|---|
| Mk I sight blade | E |
| Mk I f'sight blade screw | B |
| Mk I & II piston washer | J |
| Mk I & II washer ret. | H |
| Breech seal | C |

Most parts interchangeable with later models

**METEOR**

| | |
|---|---|
| Standard stock | £19 |
| Super stock | £24 |
| Recoil pad – rubber | H |
| Trigger guard & screw | E |
| Fore-end stock screws | C |
| Cylinder only | X |
| Cylinder end cap | C |
| Cocking link assembly | J |
| Trigger mechanism | J |
| Trigger sear/spring | C |
| Barrel only | Z |
| Barrel latch & spr | D |
| Barrel axis pin | C |
| Barrel latch pin | C |
| Breechseal | B |
| Piston ass. complete | L |
| Piston head unit | G |
| Piston ring only | B |
| Rearsight as fitted | N |
| Foresight as fitted | G |
| Foresight guard | C |
| Mainspring | G |
| Mainspring guide | D |
| M'spring retaining pin | C |
| Recoil pad | G |
| D/L sling swivels | T |
| Leather carry sling | H |
| Black nylon web belt | J |
| D'L leather spring | P |
| Pr 1" tube scope mnts. | N |

**CLUB & EARLY**
**AIRSPORTER**

| | |
|---|---|
| Dovetail foresight | L |
| Foresight blades | E |
| Foresight blade screw | B |
| Foresight protector | L |
| Mk. I rearsight ass. pillar type | £19.50 |
| Mk. II rearsight ass. (folding type) | £19.00 |
| Loading tap .22 | Z |
| Load tap index plate | N |
| Load tap ball spring | C |
| Sear Mk. I & II | X |
| Sear Mk. III & IV | X |
| Trig. sear spr. Mk. I & II | G |
| Air Mk. I trigger pawl | N |
| Sear connect Mk. II III | H |
| Cock lever thumb piece | F |
| Thumb piece spring | C |
| Fr. Stock nut bolt Mk. I | G |
| Fr. stock screw Mk. II | E |
| Front support Mk. I & II | H |
| Piston complete Mk. II | Z |
| Nylon rpimnt piston head with "O" ring for Mk. I & Mk. II | H |
| Alloy grip cap | K |

**LATER MERCURYS**
**& AIRSPORTERS**

| | |
|---|---|
| Mercury stock | £26 |
| Mercury S stock | £35 |
| Airsporter stock | £29 |
| Airsporter S stock | £35 |
| Recoil pad rubber | H |
| Stock bolt & washer | C |
| Pr. fr. stock screws | C |
| Mercury cock. link ass. | J |
| Airsporter U/lever | S |
| U'lever thumb catch | F |
| Thumbcatch spring | C |
| Airsp. cocking slide | N |
| Airsp. cocking link | B |
| Slide support bracket | D |
| Support bracket stud | C |
| Trigger mechanism | R |
| Housing & mechanism | £25 |
| Mercury barrel only | £17 |
| Mercury S barrel | £19 |
| Breech seal | B |
| Piston ass. complete | U |
| Piston head unit (cal?) | G |
| Piston ring only | B |
| Pellet deliv. ass. | N |
| Pel. Del. lever only | C |
| Barrel axis pin Merc. | D |
| Barrel latch & spring | D |
| Merc. S axis bolt ass | C |
| Rearsight as fitted | N |
| Foresight as fitted | G |
| Mainspring | H |
| Mainspring guide | D |
| D/L sling swivels | V |
| Leather carry sling | H |
| D/L leather sling | P |
| Pr. 1" tube scope mnts. | P |
| Pr. recoil arrest blocks | N |

**MERLIN**

| | |
|---|---|
| Stock | £25.00 |
| Piston | H |
| C. lever con. link ass. | V |
| Cocking lever | R |
| C. lever axis pin | D |
| C. link rear axis pin | D |
| Cocking lever spring | D |
| Trigger | N |
| Trigger guard | R |
| Transporter Mk. I .22 only | L |
| Trigger spring | E |
| Tr'porter seal washer | D |
| Transporter locator | G |
| Locater seal ring | C |
| Piston washer ass | R |
| Mainspring | T |
| M'spring ret. br. guide | E |
| Foresight blades | D |
| Rearsights Mk. II only | J |
| Pair front fix screws | E |

**CADET & CADET**
**MAJOR**

| | |
|---|---|
| Stock Cadet | £25.00 |
| Stock bolt | G |
| Piston body C. Major | S |
| Trigger axis pin | D |
| Trigger | D |
| Trigger spring | D |
| Trigger spring guide | B |
| Sear adjusting screw | G |
| Sear adjuster | D |
| Sear adjuster spring | D |
| Sear adj. axis pin | D |
| Tr. guard front screw | E |
| Tr. guard rear screw | C |
| Piston washer ass | R |
| Piston washer nut | D |
| Piston rods | J |
| Barrel sealing washer | D |
| Cocking lever | N |
| Cock. lever axis pin | D |
| Barrel latch | J |
| Barrel latch spring | E |
| Barrel axis pin | D |
| R'sight ass. Major | £19 |
| R'sight leaf only Major | N |
| Elev. scr. plger & spring | N |
| Rearsight Cadet | J |
| F'sight cadet major | S |
| Foresight Cadet | I |
| Heavy duty mainspring | T |
| Fore-end screws Pair | G |
| Lock washers per pair | B |

**PRE-WAR STANDARD**

| | |
|---|---|
| Guard screws per pair | G |
| Trigger one piece | W |
| Trigger – post 19/19 | T |
| Sear — post 19/19 | S |
| Trigger spring | D |
| Piston washer unit | U |
| Loading tap plate scr | G |
| Cocking link axis | E |
| Cocking lever catch block | D |
| Axis screw pre-1930 | N |
| Axis scr. lock screw | E |
| Lvr. Axis pin post-1930 | N |
| Cock. Lvr Thumbcatch | L |
| Thumbcatch spring | D |
| Cock. lever catch block | D |
| Rearsight ass. | I |
| Rearsight blade only | P |
| Rearsight screw | N |
| Hvy. dty m'springs No. 2 model pair round sect. | X |
| Hvy. dty m'springs No. 1 model pair flat section | X |
| Photocopy of BSA Standard instruction manual | H |

**IMPROVED MODEL D**

| | |
|---|---|
| Trig. sear unit compl. | W |
| Trigger sear spring | D |
| Guard screws per pair | G |
| Trigger sear axis pin | G |
| Piston washer leather | L |
| Piston inner washer | D |
| P/washer screw | G |
| Foresight wide d'tail | S |
| Rearsight ass. | £18.75 |
| Cock. lever axis screw | O |
| Axis scr. lock screw | E |
| Cock. link axis screw | E |
| Link axis lock screw | E |
| Cock lever catch block | P |
| Hvy duty m'spring .177 mod pairs flat section | W |
| Hvy duty m'spring .22 mod pairs round sect. | W |

Most other components as BSA Standard Model

**SCORPION BUCC**

| | |
|---|---|
| Scorpion stock | N |
| Pistol grip cap | C |
| Buccaneer stock | £23 |
| Cocking aid | D |
| Safety catch ass | F |
| Safety lever only | C |
| Cocking link ass. | J |
| Trig. housing mech. | T |
| Piston ass. complete | R |
| Piston head unit | E |
| Barrel only | £17 |
| Barrel axis pin | C |
| Barrel latch & spring | D |
| Barrel latch pin | C |
| Breech seal | B |
| Rearsight as fitted | N |
| Foresight as fitted | G |
| Foresight guard | C |
| Mainspring | F |
| Mainspring guide | D |
| Mainspring ret. pin | C |

**WEBLEYS**
**MK II SERVICE**

| | |
|---|---|
| Hvy dty silicon/chr m'spr. | T |
| Trigger | W |
| Sear | £20 |
| Ph. bronze piston ring | T |
| Breech seal | D |
| R'sight folding | £33 |

.177, .22, .25 barrels arriving summer — enquire!
Many other parts!

**MK. III UNDERLEVER**

| | |
|---|---|
| Walnut stock | £49 |
| D/L det. swivels | T |
| Leather carry sling | H |
| D/L leather sling | P |
| Pr. front stock screws | G |
| Loading tap lever | Z |
| Load tap lever screw | F |
| Load tap spr. & ball | E |
| Rear stock screw | E |
| Trigger guard | L |
| Rear guard screw | D |
| Pr. fixing plate screws | G |
| Rearsight as fitted | Z |
| Foresight as fitted | W |
| Foresight guard | N |
| Underlever | Z |
| U'lever thumbcatch | J |
| Thumbcatch spring | D |
| U/lever axis bolt | F |
| Axis bolt lock screw | E |
| Cocking lever | X |
| Sideplate | I |
| Pair sideplate screws | G |
| Piston head unit | X |
| Mainspring | H |
| Mainspring guide | L |
| Trigger housing | £25 |
| Trigger | T |
| Trigger sear spring | F |
| Sear | X |
| Sear axis pin | D |
| Trigger adj. screw | I |
| Adj. screw lock screw | G |
| Thumbcatch post | N |
| Supertarget rearsight | £29 |

**Obsolete, secondhand & rare parts available —Please enquire**

**MK. I SENIOR PREM.**

| | |
|---|---|
| Trigger | S |
| Trigger spring | B |
| Trigger adj screw | E |
| Adj screw lock scr | D |
| Sear | T |
| Sear spring | B |
| Piston | Y |
| Piston washer unit | T |
| Sen. ph. bronze pst ring | T |
| Barrel axis bolt ass | K |
| Breech seal | B |
| Thumbcatch Mk1 | T |
| Thumbcatch pin Mk 1 | B |
| Thumbcatch spring Mk 1 | B |
| Thumbcatch Senior | £19 |
| Thumbcatch Premier | £19 |
| Thumbcatch Premier Mk 2 | V |
| Thumbcatch plunger | B |
| Plunger spring | A |
| Rearsight assembly | O |
| Mainspring | H |
| Pr. grip plate screws | E |
| Pr. prem. blk. grips | W |
| Cock. link ass. Mk I | T |
| Cock. link ass. Sen | £18 |
| Cock. link ass. Prem | £18 |

**PREMIER MK. II**

| | |
|---|---|
| Trigger | R |
| Trigger spring | B |
| Sear | T |
| Sear spring | B |
| Trigger sear pins | D |
| Cocking link ass | M |
| Thumbcatch | £19 |
| Thumbcatch bolt | E |
| Thumbcatch plunger | B |
| Rearsight assembly | G |
| Plunger spring | B |
| Piston assembly | N |
| Piston washer only | F |
| Mainspring | G |
| Breach seal | B |
| Barrel axis bolt | K |
| Grip plates | R |

**JUNIOR PISTOL**

| | |
|---|---|
| Trigger | R |
| Trigger pin | A |
| Sear pin | A |
| Thumbcatch old & new | T |
| Thumbcatch bolt (new) | D |
| Thumbcatch plunger | B |
| Catch plunger & spring | C |
| Rearsight assembly | G |
| Cocking link ass | G |
| Piston assembly | L |
| Piston washer set | R |
| Mainspring | G |
| Grip plates | M |
| Sear | T |
| Breech seal | B |

**HURR/TYPH/TEMP.**

| | |
|---|---|
| Pair grip plates | H |
| Pair grip screws | C |
| Rearsight as fitted | S |
| Foresight guard | C |
| Cocking link ass | N |
| Fore-end cover | F |
| Barrel latch ass. | H |
| Mainsprings | H |
| Piston ass. complete | N |
| Piston washer only | D |
| Breech seal | B |
| Trigger | I |
| Trigger spring | A |
| Sear | G |
| Sear spring | A |
| Set trigger sear pins | D |
| Trigger guard | C |
| Safety catch | E |
| Barrel & link ass. | X |

**JAGUAR RANGER**

| | |
|---|---|
| Rearsight as fitted | H |
| Foresight as fitted | B |
| Trigger pivot screw | C |
| Barrel only | Z |
| Cocking link | O |
| Piston complete | V |
| Piston washer unit | G |
| Mainspring | G |
| Mainspring guide | E |
| Trigger with sears | H |
| Trig. axis screw only | C |
| Trigger spring | B |
| Trigger guard | F |
| Rearguard screw | B |
| Fore-end stock screws | C |
| Barrel latch & spring | G |
| Barrel axis screw only | C |
| Breech seal | B |
| Barrel axis pin | B |
| Stock | Y |

**FALCON**

| | |
|---|---|
| Foresight | X |
| Mainspring guide | G |
| Mainspring | H |
| Fr. stock screws | C |
| Barrel latch & spring | H |
| Barrel axis bolt ass | G |
| Front guard screw | D |
| Rearsight assembly | S |
| Back block housing | P |
| Trigger | S |
| Sear | W |
| Breech seal | D |
| Piston head unit | S |

**Many secondhand parts Please enquire!**

**HAWKS**

| | |
|---|---|
| 2/3 safety catch | E |
| 2/3 trigger guard | F |
| 2/3 fr. guard screw | C |
| 2/3 fr. guard screw | A |
| 2/2 fr. stock screws | C |
| 2/3 sear | F |
| 2/3 trigger | G |
| Trigger adj. screw | B |
| 2/3 trigger spring | B |
| 2/3 trg. sear spring | A |
| 2/3 trigger pin set | C |
| 2/3 piston unit | V |
| 2/3 piston rings | H |
| 2/3 rearsight ass | T |
| 2/3 foresight unit | H |
| 2/3 foresight guard | C |
| 2/3 f'sight ret. screw | B |
| 2/3 barrel axis pin | C |
| 2/3 barrel stop pin | C |
| Mainsprings | G |
| Mainspring guide | D |
| Breech seals | B |
| 2/3 cocking link ass. | H |
| 2 barrel only .177 | £17 |
| 3 barrel only .177, .22 | £17 |
| 3 piston complete | S |
| 2/3 barrel latch ass | F |
| Back block pin | C |

**VULCAN/VICTOR**

| | |
|---|---|
| Stock | £29.00 |
| Pair fr. stock screws | C |
| Trigger guard | F |
| Trigger plate | C |
| Front guard screw | C |
| Rear guard screw | C |
| Rearsight as fitted | T |
| Foresight as fitted | N |
| Foresight guard | F |
| Trigger | G |
| Trigger adj. screw | B |
| Trigger spring | B |
| Sear | F |
| Trigger/sear spring | A |
| Trig. sear pin set | D |
| Mainspring | G |
| Mainspring guide | E |
| Piston ass. complete | T |
| Piston rings (2) | G |
| Cocking link | H |
| Barrels only | £17 |
| Breech seal | B |
| Barrel latch & spring | F |
| Barrel latch stop pin | C |
| Barrel axis pin | C |
| Back block only | U |
| Back block ret. pin | C |
| Safety catch | E |

**OSPREY**

| | |
|---|---|
| Stock standard | £29 |
| Stock (walnut) | £59 |
| Back block only | X |
| Back block pin | C |
| Trigger | G |
| Sear | F |
| Trigger sear spring | A |
| Trigger adj. screw | B |
| Trigger pres. spring | B |
| Safety catch | E |
| Pellet del. lever | D |
| Pellet lever screw | A |
| Sidelever | S |
| S. lvr. thumbcatch | P |
| Sidelever spring | C |
| Trigger guard | F |
| Front guard screw | C |
| Rear guard screw | B |
| Front stock screw | C |
| Rearsight as fitted | T |
| Foresight as fitted | H |
| Foresight guard | C |
| Piston complete | S |
| 2 piston rings | H |
| Mainspring | G |
| Mainspring buffers | C |

**ORIGINALS**

| | |
|---|---|
| Wooden stocks | P.O.A. |
| Pr. front stock screws | C |
| 22/23/25 Trigger ass | H |
| Trigger sleeves | J |
| Trigger carrier (bolt) | K |
| Bolt balls (3) | C |
| Bolt pin & spring | D |
| Trigger guard | F |
| Breech seals | C |
| Barrel axis bolts | G |
| Mainsprings | H |
| Mainspring guides | F |
| Piston complete | U |
| Piston head unit | H |
| Front guard screws | C |
| Rear guard screws | C |
| Cocking levers | L |
| C. lever axis bolts | E |
| 22 foresight | C |
| 22 rear sight ass | N |
| 22 barrel only | £18 |
| 22 trigger spring | B |
| 22 stock only | £18 |
| 22 trigger housing | F |
| 22 barrel latch & spr | C |
| 23 foresight | G |
| 23 rearsight ass | O |
| 23 barrel | £19 |
| 23 trigger spring | B |
| 23 stock only | £19 |
| 23 trigger housing | F |
| 23 barrel latch & spr | C |
| 25 foresight | N |
| 25 rearsight ass | X |
| 25 barrel only | £24 |
| 25 D 25DS. trig. ass. | U |
| 27 35/50 trigger ass. | V |
| 27 barrel only | £27 |
| 27 foresight | N |
| 27 35/50 r'sight | £17 |
| 35 barrel only | £36 |
| 35 50 foresight | U |
| 35 stock only | £48 |
| 35 S stock only | £59 |
| 45 Cocking slide | D |
| 45 safety catch | J |
| 45/50 Pr. grommets | C |
| 45 Safety spring | D |
| 45 barrel | £36 |
| 50 underlever ass. | X |

**SHARPS INNOVA/ACE**

| | |
|---|---|
| Seal kit set | H |
| Piston guide | F |
| Pump assembly | £16 |
| Pump head only | H |
| Pump rod | E |
| Exhaust valve ass. | O |
| Inlet valve chmbr ass | T |
| Inlet seat stopper | /C |
| Rearsight assembly | I |
| Stock | £20 |
| Pump handle | P |
| Handle lever | U |
| Handle lever axis pin | C |
| Cocking link, crank | F |
| Lever to link pin sleeve | D |
| Foresight | G |
| Foresight guard | C |

**ASI SNIPER/PARA**

| | |
|---|---|
| Mainspring | G |
| Piston washer ass | H |
| Breech seal | B |
| Rearsight assembly | N |
| Foresight assembly | T |
| Trigger housing mech | V |

**ODDS**

| | |
|---|---|
| 65/80 piston washer | H |
| 65/80 R/H or L/H | |
| Anat grip | £39 |
| FWB 300 Pr mainsprings | P |
| 300 piston ring | J |

**ANSCHUTZ 335**

| | |
|---|---|
| Mainspring | I |
| Piston head unit | H |
| Front stock screws | C |
| Breech Seal & Spacer | C |
| Rearsight Assembly | Z |
| Foresight | W |
| Front guard screw | D |
| Rear guard screw | C |
| Safety slide plate | J |
| Sl plate spring pin | D |

**GAT PISTOL**

| | |
|---|---|
| Pellet load plunger | C |
| Mainspring | D |
| Pck 10 darts | B |
| 5 corks | A |

**MAINSPRINGS ONLY**

| | |
|---|---|
| ASI centre pistol | E |
| BSF 55 & 554 | G |
| BSF 60 | G |
| BSF 70 | G |
| Haenel 303 | F |
| Haenel 313 | G |
| IGI Pistol | E |
| Jackal AR7 | G |
| Jackal Parabellum | G |
| Milbro G74 | E |
| Milbro G75 & 76 | G |
| Milbro G77 | G |
| Milbro G78 & 79 | G |
| Milbro G80 | H |
| SIG Hammerli | I |

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Mercury, Meteor
FEINWERKBAU Sport
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WEBLEY Vulcan, Hawk,
Tracker, Osprey, Victor
RELUMS, all models
ASI Rangemaster, Sniper
All above at £7.95

**SPECIALIST BOOKS**

| | |
|---|---|
| Smith's Encyclopaedia Gas/Air Spring Guns | X |
| Modern Airweapon Shooting: Churchill | S |
| Air Pistols: Hiller | O |
| The Airgun Book 3rd Edn. J. Walter | V |

**2 PIECE WHISPERER SILENCERS**
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BSA 'S' Models
Weihrauch 35/77/80,
Webley
F.W.B.
All above at £21.50

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| | |
|---|---|
| FWB 600 Match | £350 |
| FWB 300S left hand | £200 |
| FWB 300S Junior left | £185 |
| FWB Sport mainspring | £2 |
| Webley 'S' target rearsight | £10 |
| Pr. 13mm Weihrauch mounts | £2.50 |
| 13mm Weihrauch target diopter rearsight | £10 |

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# Time to act!

## Colin Hope responds to recent media attention for air weapons

**The rifle behind the storm — the Saxby & Palmer converted Lee Enfield.**

THE NATIONAL PAPERS and TV companies are at it again, distorting facts for the sake of sensationalism to provide what they call 'news'.

Having worked in Fleet Street many years ago for Reuter, I do have inside knowledge about journalists' antics during their quest to fill the pages of the dailies, and I have no doubt that the TV 'hacks' operate in the same way.

Basically it is this: if there is no news, then news must be created. Blank screens and pages, or the same filled with uninteresting truths are bad for business. The recent Botham affair is a case in point. Ian Botham's charity walk from John O' Groats to Land's End did not merit the publicity his alleged antics in the Caribbean have.

Likewise, when did you last see an airgun field shoot covered by the TV companies? And yet as soon as they heard a whisper that the old Lee Enfield army rifle was being converted as an airgun we were presented with a highly biased piece of 'news'. This literally led the viewers to assume that here was a revolutionary new airgun that was licence free, but twice as powerful as 'ordinary' airguns.

Perhaps Saxby & Palmer should share some of the guilt because they did once advertise their Nato bullet as being '50 per cent more powerful' than ordinary ammo. But the demonstration of the Enfield's power on TV was a joke, showing pellets ripping through a Coke can. This, of course, looks dramatic to the general public, but you and I know that if we had even a pistol that wouldn't penetrate the thin alloy walls of a soft drinks can we would consign it to the dustbin!

The demonstration of an 'ordinary' air rifle consisted of a fairly low powered air rifle shooting at a domestic pea or bean can, with unspectacular results. No mention is, of course, given to the fact that this can is approximately six times harder to penetrate than a beer or soft drinks can — and that it won't explode whatever you do to it.

The end result of such melodramatic media hype is that the general public, who know nothing of 12 ft lbs legal limits, are led astray deliberately for the sake of 'news'. Basically the whole sorry episode revolves around the fact that the old Enfields are ex-military rifles and the impression given is that they are almost as dangerous as they were when used during the War. If that were true it would be news — but it isn't true. The conversion may be excellent, but it is an air rifle that complies with the requirements of British law, just like any other.

Do we just shrug our shoulders and say, 'There's nothing we can do about it' — or should we resolve to act now?

Act? Why? Simply because other people are acting on the false information given by the media. Already some Members of Parliament have been lobbied by concerned members of the public and organisations like the RSPCA to license airguns and crossbows. Their argument is that if you make airguns and crossbows harder to obtain, then the misuse of these weapons will disappear overnight. The correct use of these weapons by thousands of enthusiasts throughout the UK is not news except to us.

The *misuse* of airguns and crossbows by a very few thugs *is* news of which the media makes a great deal. The terrible pictures of ducks with bolts through them are bound to stir the hearts of the general public — including us — and the inevitable comment is, 'They should be banned'. 'They' of course are airguns and crossbows and not the perpetrators of the illegal acts who should be dealt with anyway in the courts.

Let's take a look at the sense of licensing airguns and crossbows. When I first used a shotgun I had to obtain a licence from the post office. This cost 10/- (50p) and you simply filled it in, got it stamped by the teller and you were free to shoot rabbits, etc for a year before another licence was due. No references were required — all you needed was 50p!

In the '60s criminals started to saw off the barrels of shotguns to make a concealable weapon for their evil trade. MPs were lobbied and eventually the Firearms Act of 1968 was passed, whereby you had to obtain a Shotgun Certificate from your local police station. You needed to have two referees of some social standing before the certificate was granted and it is still current today.

But this hasn't stopped the criminal element from using shotguns. In fact, the sawn-off shotgun is the weapon most used by bank and post office robbers. So common is it that if someone is wounded by one — a security guard for example — this warrants less space in the newspapers than the duck wounded by the crossbow thug!

Now MPs are being lobbied for even tougher legislation against shotgun ownership, but this will not stop criminals obtaining them just as they obtain the pistols which already legally require a firearms certificate. Making it tough for anyone to obtain a firearms certificate has not lessened the number of firearms used in hold-ups. If all weapons were banned from legitimate sale or ownership, the thugs and criminals would be the only ones to own them!

Airguns are almost bottom of the list of weapons used by people to wound each other. Top of the list is, would you believe, the common bread knife, followed by the humble beer bottle! Nobody in their right mind would try to ban the bread knife because literally millions of them are in daily use. Do we need to have unnecessary further legislation aimed at many thousands of sportsmen because of the irresponsible actions of a few?

To me the airgun is as important as the bread knife. Who says I shouldn't own one? Who says that my sport isn't necessary? Too long we have been made to look guilty simply because we like shooting, and I think it's about time we stood up to be counted.

More animals are maimed with stones and rocks than by airguns and crossbows. Stones aren't news and the 'do-gooders' can't lobby for legislation against stones. But don't be fooled into thinking that if we do nothing that nothing will happen. Those who ignore the threat will be the first to complain about £20 a year and a lot of paperwork for the right to shoot at tin cans in the garden!

As for hunting, look what happened to the crossbow. Quietly and without anyone really being aware, a law was passed prohibiting the use of crossbows for hunting. Does this mean that the crossbow, used for centuries for hunting even large deer, is an inadequate weapon for the job? Far from it. A good quality, powerful crossbow with special hunting points fitted to the bolts is a formidable weapon. It is too cumbersome for bank raids, of course.

The downfall, however, came in finding animals wounded by bolts with target points, which do not have the blades found on the proper hunting points. In unskilled hands and using the wrong type of bolt maiming can take place. Nevertheless these incidents, in comparison with the thousands of crossbows being used sensibly, were very few and far between — but enough for the media to promote a campaign that led to a complete ban on crossbow hunting.

It is the right of every landowner to keep vermin off his land, and in fact the law says he must do this. Airguns have proved to be especially useful for this task but how long will it be before someone decides that they are not suitable — and will it stop there? It won't if we do nothing about it. We must lobby our MPs *now*.

I urge you to write a short letter to your MP today in defence of our sport, explaining how you enjoy shooting your airgun and how you feel that our sport is being brought into disrepute through inaccurate reporting by the media. Fifty letters will be cast into the waste basket, 10,000 letters will have much more effect, but 50,000 will make everyone sit up and take notice. It is the duty of *all* shooters to protect each other, and we *can* speak with a strong voice if we bother to do it.

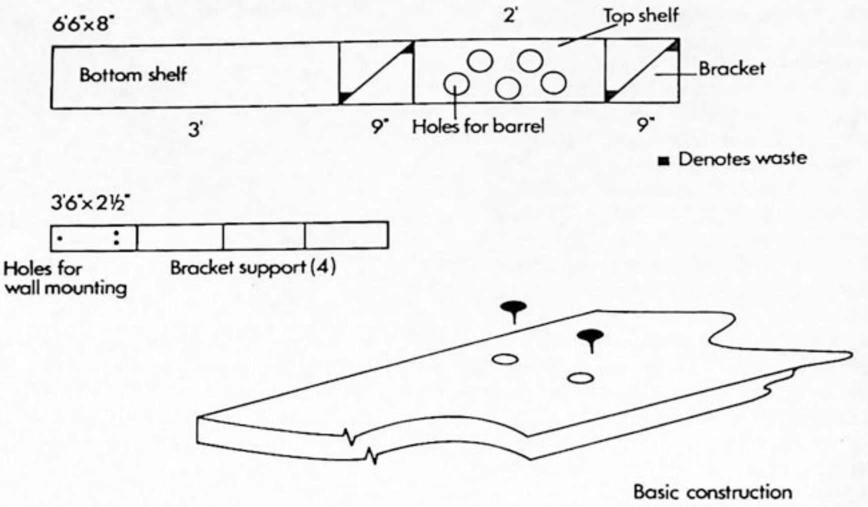
Don't put it off, but act now and write that letter. Simply address it to your MP at the House of Commons, London.

# MAKE IT YOURSELF!

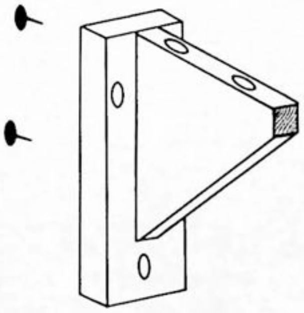
### says Nigel Allen

## Storage solution

FIG A



Basic construction

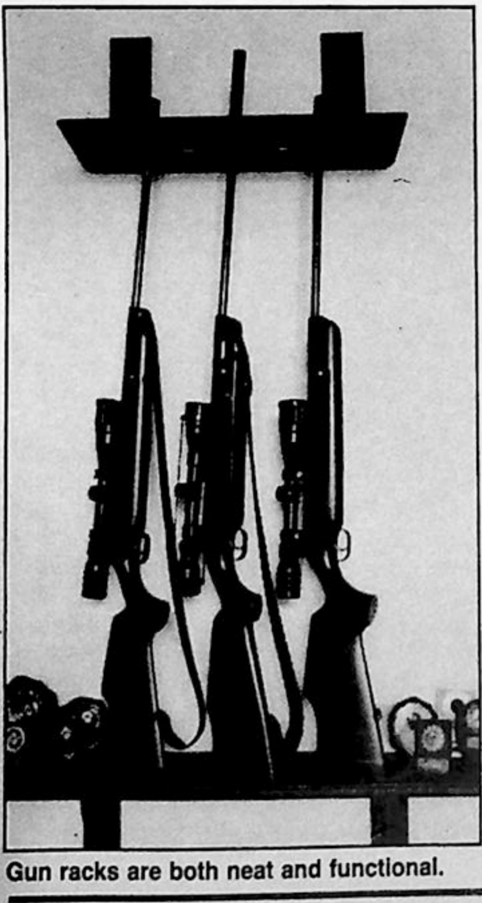


IF YOU'VE JUST SPENT £300-plus on your ultimate air rifle and scope combination, got the right pellets and are ready to lavish hours of tender loving care with oils and polishes, it won't matter if the gun ventures into rain, sleet or snow, as your efforts will ensure that it never suffers, and always remains in pristine condition.

But once the gun has been cleaned after the last shooting session, what happens to it then? Weapons which are fortunate enough to be kept in a canvas slip often suffer, at worst, from a build up of condensation. Others are left in places ranging from beside the fridge in the kitchen to the top of the wardrobe — which always seems to have a magnetic attraction for the millions of dust particles lurking in the house.

Very little consideration is given to the storage of air rifles and with the tremendous aesthetic appeal now so popular in modern day air weaponry, it is a good idea to include the gun as part of the household furniture. The gun's storage can, with a little DIY, be attractive as well as practical.

However, I should stress that before work gets under way, full permission should be sought — and obtained — from the house 'Boss' regarding the positioning of the rifle rack! From a shooter's point of view, the advantages of a wall mounted gun rack are that guns can be stored out of harm's way, without being hidden, and also make a rather nice room feature. It obviously goes without saying that although guns are on show within the room, they should be inconspicuous when viewed from outside.



**Gun racks are both neat and functional.**

The rack shown is actually made from pine and stained to a rich rosewood tone. The wood costs just £5 and the stain and screws £1.50. All the tools you need are a rule, pencil, saw, square and drill with large diameter hole cutters. If you haven't got the latter, it's quite easy to pick up a reasonable set cheaply from any DIY stall at the local market.

The dimensions are really up to you, but I would recommend a minimum width of 8 inches for the shelves so that the guns, if fitted with scopes, don't snag against the wall. From a 6 ft 6 in plank, the upper and lower shelves, plus the support brackets can be cut as shown. By chamfering the face edges, or using a drill router if available, the 'heavy' look can easily be minimised. A separate plank of wood of around 3 ft 6 in will be required to make the four wall mount/bracket supports, and again, these can be chamfered to give a more pleasing line.

The triangular bracket should be screwed to the wall mount from behind using countersunk screws. The shelves can then be screwed to the complete bracket unit. One point worth mentioning is that pilot holes drilled into the top of the support for the shelf fixing screws will ensure that the end grain does not split. You should find that three screws per bracket are more than adequate for fixing each unit to the wall.

In order that the barrels are securely held in the top shelf, 2-2½ inch diameter holes should be drilled in the required positions. It is important not to drill too close to the back, or wall side of the shelf, and also to note where the brackets are positioned so that the holes don't interfere.

The complete unit may now be stained or finished to your own personal taste. In this article, I've just described the basic rack construction which is obviously open to plenty of elaboration! When fixing to the wall, you should ensure that both long and short barrelled weapons are catered for. A space of around 40 inches between the two tiers is functional, as well as visually acceptable. In fact, my gun rack is a very eye-catching feature of my lounge, and in return, I'm sure the guns shoot better for me too!

You can make this superb custom stock for under £10!

# HW Hybrid

SINCE ITS INTRODUCTION, the Weihrauch HW77 has enjoyed immense popularity for both its looks and performance. Much has been written about the latter, and the various opinions regarding its style indicate that Weihrauch have 'got it right'. Indeed, the business-like look of the HW77 is offset by the sleek lines of the stock, which boasts the currently popular extended fore-end. Aesthetically, this is an improvement over the shorter stock of its stablemate — the HW80 — although current models do now have a slightly extended fore-end.

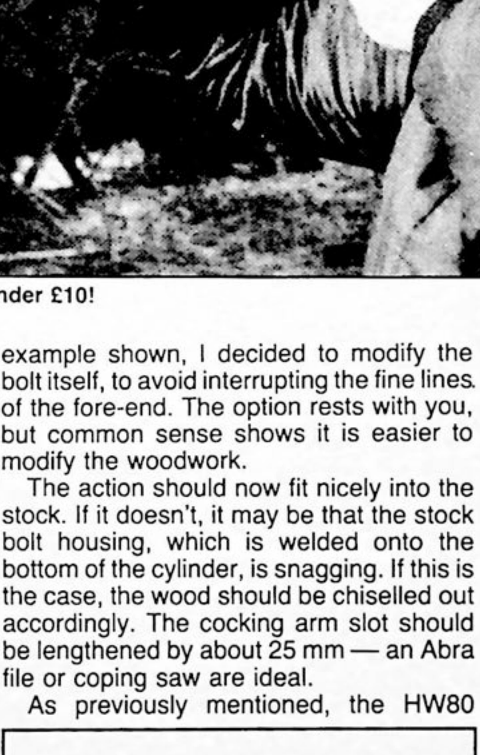
Although the HW77's stock is finished to a high standard and ergonomic design, many are re-furnished with different grades of custom walnut. When this happens, retailers often sell these standard stocks at giveaway prices. So what can you do with a standard HW77 stock? Well, if you're an HW80 owner, a little DIY can improve the handling by mating the HW77 woodwork to your HW80 action.

In fact, the cylinder diameters are the same on both rifles, and it requires very little work with woodworking tools. The only real problem is that the fore-end screws are positioned in different places — but even that can be overcome without drilling a single hole in the stock.

The first task is to increase the length of the cylinder housing at the fore-end of the stock by about 20 mm. To accept the protruding barrel axis bolts, a small hollow should be filed out using a rat tail file. In the example shown, I decided to modify the bolt itself, to avoid interrupting the fine lines of the fore-end. The option rests with you, but common sense shows it is easier to modify the woodwork.

The action should now fit nicely into the stock. If it doesn't, it may be that the stock bolt housing, which is welded onto the bottom of the cylinder, is snagging. If this is the case, the wood should be chiselled out accordingly. The cocking arm slot should be lengthened by about 25 mm — an Abra file or coping saw are ideal.

As previously mentioned, the HW80 stock bolt holes fall too far back. However, this can be overcome by making a shouldered extension lug which means that you don't have to re-drill the hole positions in the wood and spoil the appearance. All you require is a piece of steel around 35 mm × 15 mm × 4 mm, and from one end, cut a clearance as shown in the diagram. This is done in order to clear the weld used in securing the bolt housing to the cylinder.



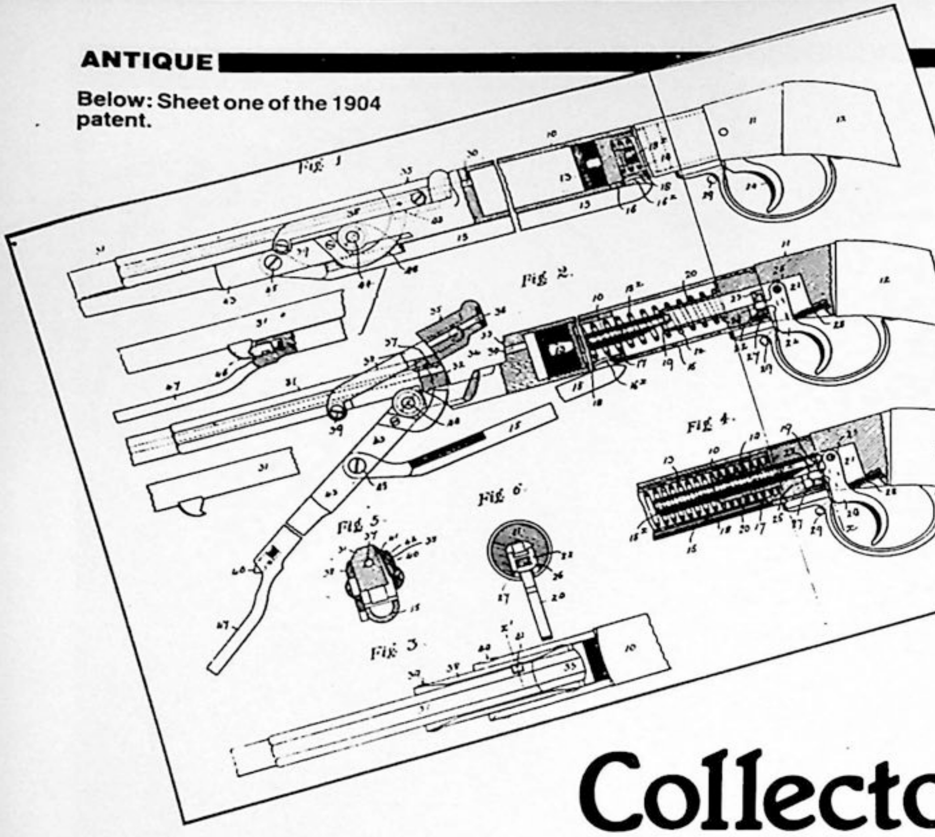
The lug should now be placed against the housing and the position of the bolt hole marked. A 5 mm hole can now be drilled and countersunk to accept a short countersunk bolt with the same thread size as the original stock bolt. This will secure the lug to the housing. To avoid the lug rotating, a shoulder should be filed as shown and the top edges chamfered to ensure that the lug fits snug against the cylinder.

When both lugs have been secured in place, the action can be held firmly in the stock, and the position of the bolt holes centre-punched onto the front of the lugs. If the metal snags against the wood at any point, the offending areas should be reduced using a chisel.

Finally, the holes should be drilled and tapped to accept the stock bolts, and 'hey presto!', your HW80 is transformed into an even more elegant rifle with truly superb handling characteristics.

I'm sure you'll agree that, providing the stock can be purchased cheaply, it's an exercise well worth considering. In fact, the gentleman shown in the photograph was contemplating spending £90 on a custom stock, but purchased the complete HW77 stock for under £10 — and fitted it within two hours!

**Below: Sheet one of the 1904 patent.**



# Collector's corner

### by Geoffrey Boothroyd

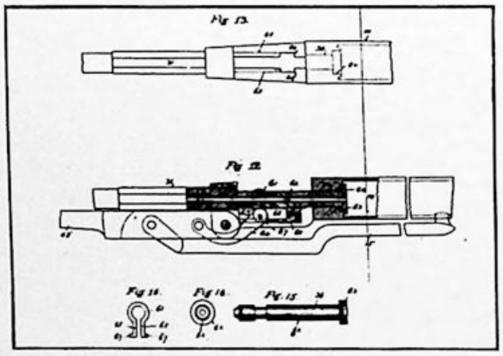
ONE OF THE PROBLEMS I find when writing this monthly article is a shortage of airgun illustrations. I do have access to some catalogues, a lot of patent literature and some early literature on airguns c. 1900, but not as much as I would like. Several people have been kind enough to let me have access to early magazines with details of airguns, and here I have to acknowledge the help received from Harvey who wrote this column a few years ago, Leslie Varge of the firm of Salter & Varge and W.T. Thurbon, who kindly sent me snippets of information culled from the most unlikely sources.

In previous articles I have emphasised the need to record information whenever possible. In addition, of course, you have to be able to retrieve the data on demand — or, put more simply, file it, then find it!

I live in a state of perpetual chaos. As one farmer friend — a pig breeder — put it some years ago, 'Your filing system can only be described as the "deep litter" system.' And of course he was correct.

One area where some order does prevail is the storage and recording of negatives. I have some 16,000 of these at present, but few are of airguns. This defect is slowly being corrected, but photographing airguns is quite different from taking photographs of, say, shotguns. I can cope very happily with air pistols, but the convention for air rifles is that they are photographed full length. This presents problems with lighting, for a full length airgun is rather like photographing a broom handle!

At home I have photo facilities to handle most jobs, but in the field it is a more difficult matter. I thought I had the problems resolved not long ago when I was invited up north to an out-of-the-way cottage to see some guns. I took a camera, background, and a selection of lights and reflectors with me, and to be on the safe side I also took extension leads and a vast collection of plugs to fit almost any socket ever made in the UK.



**Jeffries' third sheet of the 1904 patent.**

All went well — the guns were seen, details recorded and their interesting features discussed. Time passed quickly and I soon realised that as the light outside had gone I would have to take the photographs of the guns indoors. I told my host I would collect the things from the car and then 'set up my stall'. Back I came with camera, tripods, cables, lamps etc, only to find that the room was well lit and inviting — from the light cast by two Tilley pressure paraffin lamps! Yes, the cottage had no mains electricity. I was offered a bed for the night and in the morning I took the photographs by a somewhat watery sunlight. I did obtain some usable negatives, though, and these are now safely in the file.

To prevent a similar state of affairs happening again I have been spending quite a lot of time — and money — on a set-up using small flash guns. The system is light, portable and so far has produced some usable negatives, but it still lacks the ability to turn out photographs of quality. I am trying to make some extension brackets to place the flash heads further away from the gun, and I could also use two extra tripods, but this adds to the amount of gear to be carried. I also have to try to make two diffusers for the flash guns. It is a time-consuming business for there is no easy way to tell if the system will produce the right results, other than by taking photographs and producing prints.

If you are a photographer, it is worth extending the scope of your hobby or interest by trying your hand at photographing your airguns. If you are a collector and have established a record system you can file your prints of the gun with the written record for future reference. In the event of loss of your valuable airgun, a photograph could aid in its identification and possible recovery.

One thing the new flash unit does very well, though, is to copy flat 'copy'. Last month I dealt with the early days of the BSA air rifle, and in particular its predecessor, the Lincoln Jeffries. Some of the background on this firm was mentioned in the February *Collector's Corner*, but this was mainly in connection with the Lincoln Jeffries air pistol. I have not illustrated the patents which protected the air rifle and this I can now do with the aid of the new flash gun system.

Patents are very important in the study of airgun development. They tell us a considerable amount about the way the inventor is thinking, how his mind works, what his intentions are and how he proposes to carry out the work — which will provide the benefits to the user that he claims.

The patent may also show us something of his ideas which were never translated into wood and metal. Some of these ideas could have been included to prevent anyone else from adding bits to the original idea and then claiming a new 'invention', while others are recorded with the possibility that, at some future date, they too might become practical and profitable production items.

Let's go back to 1904, when Lincoln Jeffries applied for his patent. The date was April 16th and Mr Jeffries tells us that his business is at 121 Steelhouse Lane, Birmingham and that he is a gunmaker. Steelhouse Lane was on the southern boundary of the then gun quarter and, with the exception of the Alaska Gun Stock Factory, all the gun works — including those of Lincoln Jeffries — were on the north side of the street. There were also more public houses on this side of the street than in any other in the gun quarter — eight of them, in fact, and I'm sorry to say that none was called 'The Airgunner's Arms', which is a pity! How long Mr Jeffries had been working on his ideas before they were put on paper is unknown, but what we do know is that his ideas were to have a profound effect on the design of air rifles, not only in this country but also abroad, particularly in Germany.

First, Mr Jeffries tells us something about the airguns which are available at the time of the patent. He describes them and then goes on to say what, in his opinion, is wrong with them. Having done this, he then tells us how he proposes to improve them and what benefits we can expect from his improvements.

The airguns he describes are of the type

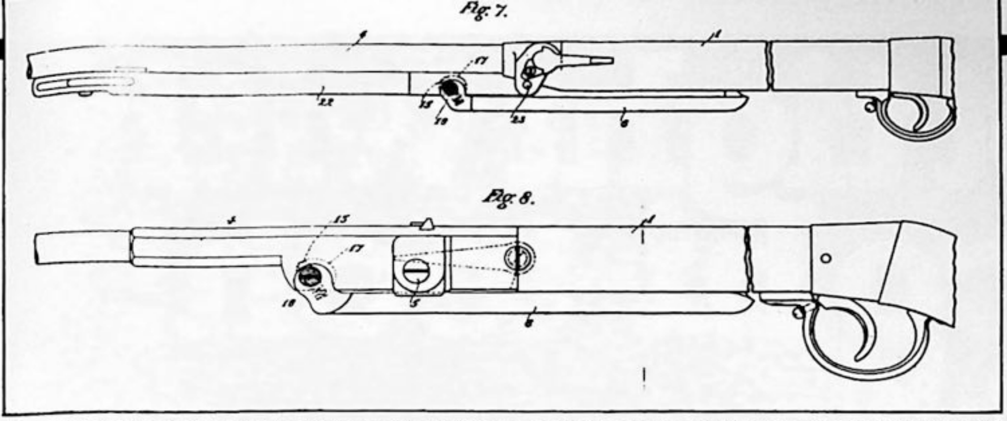


**Figure 7 of the 1911 Jeffries patent shows the tap loading system which dominated this type of air rifle for many years.**

where a coiled spring is compressed and made active by opening the gun. When released the spring drives forward a piston or plunger, which expels air from the chamber into the barrel of the gun where it acts upon the pellet or other projectile and discharges it. The inventor leaves us in no doubt as to the type of airgun he wishes to draw to our attention. We are then told what, in the inventor's opinion, is wrong with this type of airgun where the breech is opened and the spring compressed by 'breaking' down the barrel. He points out that the barrel is used as a lever being connected to the piston by a link.

He tells us that after such an airgun has been in use for a time the barrel joint tends to work loose. When this happens the breech faces fail to bed truly when the barrel is closed. Consequently, there is an escape of air at the breech, which results in a loss of power and shooting accuracy.

Having told us about the current type of airgun, how it is constructed and what happens when wear takes place, he then tells us how he proposes to remedy these faults. We learn that the improvement consists of permanently attaching the barrel to the air chamber body. Instead of the barrel being used as a lever to cock the gun, he proposes to use a separate lever which will also open the breech.

He then asks us to look at the drawings, and in particular to *Figure 1* of sheet one. We can see how the barrel (31) is connected to the fore-end of the cylindrical body and we know that later, when BSA began to make the Jeffries rifle, they worked out a method of forging the barrel and body in one piece. We can also see the lever (43) and how this is secured to the barrel by a spring catch (46). The compression link (15) has a stud (16x) which bears against a shoulder on the piston or plunger (13). The stud moves along a slot (16) in the underside of the body. The plunger (13) has a rearwardly extended tailrod (18x) provided with a bent (19), which is engaged by the sear block (22) the nose of which (23) enters the bent when the gun is at full cock.

What has not been covered so far is how to get the pellet into the barrel! This is a matter of some importance to Mr Jeffries since he proposes not one, but three possible solutions to this problem. Since the whole reason behind the patent is to eliminate air escape, which he has achieved by attaching the barrel to the air cylinder, he will have to make sure that his alternative method does not let more air escape than happens with the conventional 'breakdown' airgun.

Not only does he tell us how this can be done, but he also proposes to have an automatic system which will open the breech for the pellet — and his only alternative is a muzzle loader!

The systems proposed essentially follow late 19th-century cartridge gun practice. System 1 is shown in *Figure 2*, sheet one, with the lever (43) partially open and the hinged breech block (35) also open. The block can be swung forward on the swinging arms (38) so that a pellet can be inserted in the breech end of the barrel. The block is held in the closed position by a spring catch (40), which can be seen in *Figure 5* and the head of the catch (41) in *Figure 3*. The block is automatically opened by a cam-arm (48) attached to the cocking lever (43). When the lever is returned and retained by the spring catch under the barrel, the hinged breech block can be closed by hand.

Sheet two shows a modified form, which employs a falling block. The block (35) is tapered and can rise and fall inside a housing formed to receive it. It is held in the upper, closed position by a link (50) pivoted at (50x). The link has a head (51) which enters a recess in the block. The operation of this part of the block is shown in *Figures 9 and 10*.

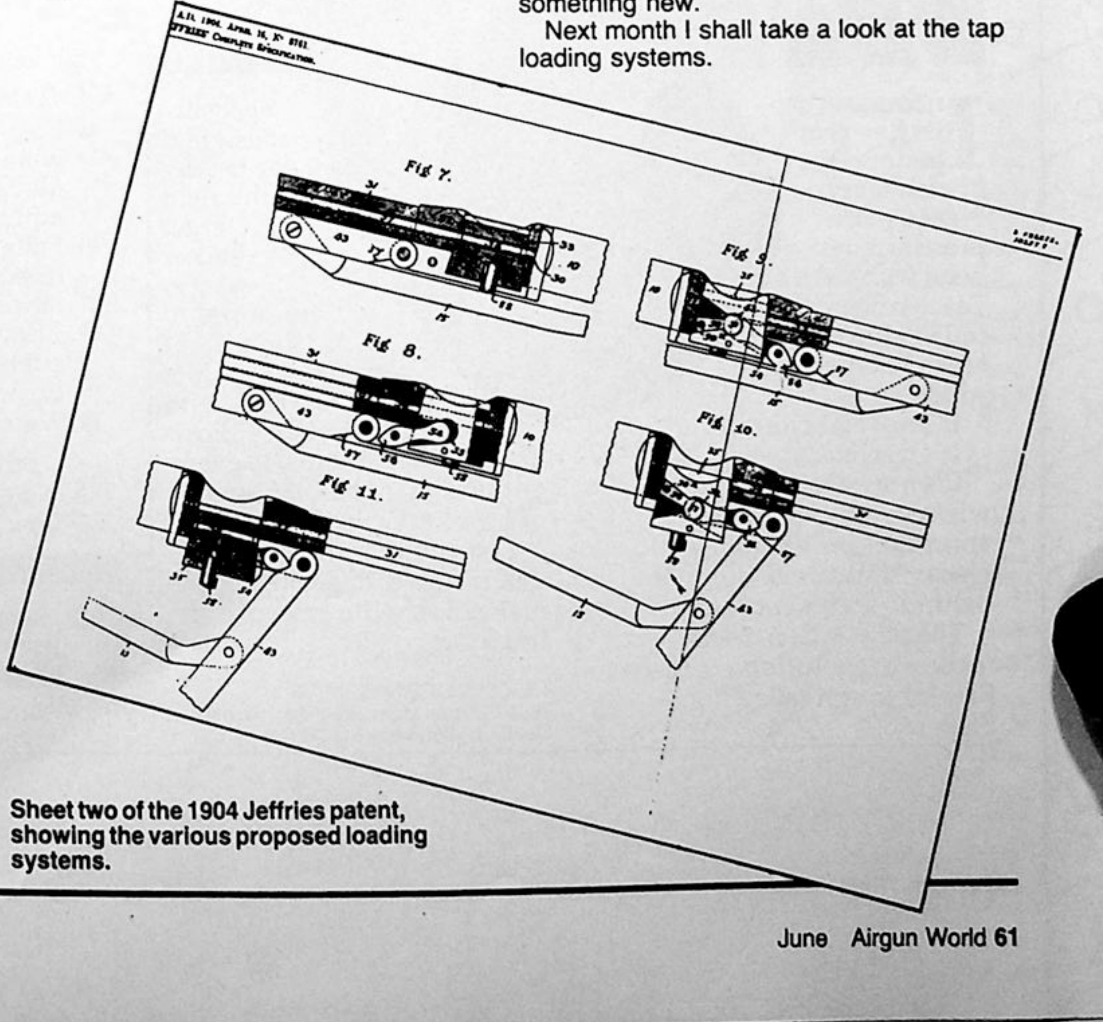
*Figure 8* shows the other side of the block with the link (56), the nose of which (54) engages a recess in the block (55). The block is fully closed by the link (15) impinging against a stud (58). The amount of careful machining needed to ensure that the system operated without wear or air escape must have been considerable and costly. Also, although links which work on one side of the block have been used in firearms they are not symmetrical and could be a source of future problems.

Although firearms with vertical block actions were popular at the time of this invention and may well have been the source of the inventor's inspiration, a new form of breech closure had been widely adopted — the turning bolt system.

The inventor does not propose a turning bolt in his third system, but a sliding bolt. To see how this works we have to turn to sheet three. Again we have the barrel (31), the air cylinder, the lever (43) and the link (15). The rear end of the operating lever (43) is connected by an intermediate link (60) and strap (61) to a sliding bolt (62). This is bored axially so that the bore (36) coincides with the barrel bore (37). The rear of the bolt (*Figure 15*) has a felt wad (63) at the rear which makes an air-tight joint within the recess (64) at the front of the air chamber. When the lever is operated the piston or plunger is pushed rearwards to cock by the link (15) and at the same time the link (60) pushes the bolt rearwards. The head moves back into the air cylinder and the nose withdraws from the breech of the barrel to permit the introduction of a pellet.

All three systems must have been manufactured, if only on an experimental basis. To the best of my knowledge none was ever put into production, and instead a system of tap loading was adopted. Whether or not any of these systems — with modern materials of construction and manufacturing systems — could be made to work today is an interesting conjecture. Keep your eyes open, as one day one of the systems might re-appear and be hailed as something new.

Next month I shall take a look at the tap loading systems.


A.D. 1904. April 16, N° 8761.
JEFFRIES' Complete Specification.
Fig. 7.
Fig. 8.
Fig. 9.
Fig. 10.
Fig. 11.

**Sheet two of the 1904 Jeffries patent, showing the various proposed loading systems.**

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**Droitwich Spa FTC,** P. Fern, 9 Hawford Place, Chawson, Droitwich, Worcs. Tel: 0905 770739.

**Redditch & DARL,** D. Crumpton, 3 Tennyson Road, Headless Cross, Redditch, Worcs, B97 5BL. Tel: 0527 43617.

### YORKSHIRE

**Air Rifle Members Association,** Mrs A. Proctor, 13 Wayland Avenue, Wardgreen, Barnsley, S70 8HY. Tel: 0226 6409.

**Dog & Gun AR & PC,** P. Prendeville, c/o 10 Fire Station, Gipton App, Leeds 9. Tel: 0532 495633.

**Don Valley FTC,** Dave Hindley, 7 Stafford Road, Doncaster, South Yorks, DN6 7LP. Tel: 0302 723977.

**Fairburn AWC,** J. Jackson, 19 Lowther Grove, Garforth, Leeds. Tel: 0532 872589.

**Handsworth AWC,** Ray Swift, 1a Flockton Avenue, Handsworth, Sheffield, S13 9OP. Tel: 0742 695458.

**Huntington FTSC,** Keith Robinson, 63 North Moor Estate, Huntington, York, YO3 9RX. Tel: 0904 764288.

**Leeds AR & PC,** Mick Bullers, 1 Woodland Drive, Chapel Allerton, Leeds, LS7 4PW. Tel: 0532 680294.

**Pontefract ARC,** John Taylor. Tel: 0977 701169.

**Rotherham ARPC,** Charlie Edwards, 35 Furnival Way, Whiston, Rotherham, South Yorks. Tel: 0709 541744.

**Thirsk AWC,** J. Cawkwell, Hillfield, Sutton Road, Thirsk, North Yorks. Tel: 0845 24991.

**White Rose AR & PC,** J. Haigh, 50 Lidgettt Lane, Skelmanthorpe, Huddersfield, HD8 9AQ. Tel: 0484 863564.

**Woodhouse AR & PC,** W. Heathcote, 78 Driver Street, Sheffield, S13 9WR. Tel: 0742 692481.

**York Jubilee AR & PC,** I. Waghorn, 50 Stone Riggs, Stockton-on-Forest, York, YO3 9UH. Tel: 0904 400162.

**Yorkshire Trachon SARC,** Graham Lindley, 10 Craven Close, Royston, Barnsley, South Yorks, S71 4HH. Tel: 0226 722046.

### SCOTLAND

**Banchory FTARC,** Brian Carter, Mosside, Strachan, by Banchory, Kincardineshire. Tel: 03302 3027.

**Balerno & Currie RC,** F. Bannister, 94 Lanark Road West, Currie, Midlothian, EH14 5LA. Tel: 031 449 2524.

**Clyde AR & PC,** Tony Brennan, 4 Empress Drive, Ardencaple Estate, Helensburgh, Dunbartonshire, G84 8QL.

**Dumfries & Galloway FTAC,** Robert Morgan, Inishowen, Castle Douglas Road, Dumfries. Tel: 0387 53330.

**Edinburgh & DAWC,** Bernard Gallivan, 12 Forthview Road, Blackhall, Edinburgh, EH4 2DE. Tel: 031 332 1465.

**Falkirk & DAWC,** Andrew Mould. Tel: 0324 26917/20457.

**Forth Valley TAWC,** Stewart Cole, 19 Letham Mains, Haddington, East Lothian. Tel: 062082 2087.

**Galloway Sporting ARC,** Ewan Haggarty, 45 Mosspark Crescent, Dumfries, DG1 4PQ. Tel: 0387 64241.

**Glenrothes R & PC,** R. Harvey, 13 Alland Street, Leslie, Fife, KY6 3LA.

**Hawthornden SC,** T. Brotherstone, 78A High Street, Bonnyrigg, Midlothian. Tel: 031 660 5555.

**Livingston TC,** Donald Nicholson, 16 Ivanhoe Rise, Dedridge, Livingston, Lothian. Tel: 0506 410446.

**North-West Hunters,** Ian Hill, 29 Birch Court, Old Monkland Road, Coatbridge, ML5 5ED. Tel: 0236 25007.

**Number Five Inn ARC,** 15 Church Grove, Sauchie, Alloa, FK10 3BU. Tel: 0259 217386.

**Sneddon SG,** 53 Black Sneddon Street, Paisley, Glasgow. Tel: 041 848 1849.

**Vale ARC,** S. Porter, 158 Nobleston, Bonhill, Alexandria, Dunbartonshire, G83 9DF. Tel: 0389 56623.

**Westfield ARC.** Trevor Davie. Tel 041 952 5529.

**Westerwood ARC,** James Kerr, 49 Carrick Road, Cumbernauld, by Glasgow. Tel: 02367 20695.

### WALES

**Blaenau Gwent ARC,** John Parker, 28 Granville Street, Abertillery, Gwent, NP3 1NR. Tel: 0495 211498.

**Cambrian RC,** Mrs C. Hodges, The Caretaker's House, St Mairs Day Centre, Aberdare, CF44 0TH.

**Caerphilly AR & PC,** Dave Lewis, 39 Bedwas Road, Caerphilly, Mid-Glamorgan, CF8 3AP.

**Newport Rangers ARC,** Alan Jones, 41 Baldwin Street, Newport, Gwent, NP2 2LU.

**Ogmore Valley FTS,** J. Thomas, 47 Dinham Street, Nantymoel, Bridgend, Mid-Glamorgan.

**Prescelly Scorpions FTC, Dewi Morse**. Tel: 0437 67838.

**Pontypridd ARC,** G. Williams, 1 Niagara Street, Treforest, Pontypridd, Glamorgan, CF37 1BP. Tel: 0443 492815.

**Quarry Rifles,** Des Pask, 62 Hamilton Street, Canton, Cardiff, CF1 9BQ. Tel: 0222 23689.

**South Wales AR & PC,** Basil George, Ivy Cottage, Ogmore Road, Ogmore by Sea, Mid-Glamorgan. Tel: 0656 4440.

**Whiteheads R & PC,** Roger Davies, 21 Belvedere Terrace, Newport, Gwent. Tel. 0633 858617.

**Ynysowen, ARC,** Gary Jones, 35 Pantglas Road, Aberfan, Merthyr Tydfil. Tel: 0685 2491.

# CLUB NEWS

INDOOR AND OUTDOOR SHOOTING NEWS

## Charity Invitation Championship

Medway Valley and Eastbourne field target clubs have joined forces in organising the Air Arms South-East of England Invitation Championship Trophy shoot on June 29th, to raise money for Eastbourne District General Hospital's Laser Appeal.

As the title suggests, main sponsors for the event are go-ahead manufacturers Air Arms, but other sponsors include Chris Potter Guns, Sharpshooters, Abbey Supply Company and Centrepoint. The organisers have extracted a promise of television coverage from TVS for the event, and expect around 200 shooters to turn up from the many field target clubs in the south-east region. For further information contact Mike Richardson on Seaford (0323) 897546.

## Lydd Formation

*Airgun World* reader Paul Dowe is interested in forming an air rifle and pistol club in the Lydd, New Romney and Dymchurch areas. Paul hopes to organise a club to cover these areas and if you're interested, give him a ring on Lydd 21144.

## Rotherham Roll-Call

Rotherham AR & PC are staging two open shoots this year. The first is being held on May 25th and the second on July 27th. Once again, the club will be staging the South Yorkshire Championships on September 21st. As with all Rotherham AR & PC shoots, there will be separate classes for juniors, seniors and ladies, with prizes being awarded to third place in each class. All open shoots will be held at Pinchmill Farm, Whiston, Rotherham, South Yorkshire. For further details contact Charlie Edwards at 35 Furnival Way, Whiston, Rotherham, South Yorkshire.

## Galloway Gossip

Galloway Sporting ARC have just appointed a new club secretary. The new secretary is Ewan Haggarty, 45 Mosspark Crescent, Dumfries DG1 4PQ. Tel: Dumfries 64241. The other great news is that the club hope to have a new shoot based in some spectacular Forestry Commission land which they hope will make a refreshing change for field target shooters. Watch this space for further details!

## Yorkshire Date

Top airgun shop Yorkshire Air Weapons are staging the Yorkshire Air Weapons Open Championship at Bramham Park Country Fair, Wetherby, West Yorkshire on June 1st. The main event will be decided over 20 targets and trophies and prizes will be awarded to the best junior and best lady.

Some top names from the field target world will be competing for the superb array of prizes up for grabs and the event organisers hope that the shoot will be one of the biggest events in the field target calendar.

Further details can be obtained from Yorkshire Air Weapons, 209 Stanningley Road, Leeds 12. Tel: Leeds 798039.

## Welsh Vacancies

Pontypridd ARC have just told us that they have a limited amount of membership vacancies. The club meet every Tuesday night from 7.30 p.m. to 10 p.m. at the Regent Club, Hopkinstown, Pontypridd. If you would like further details contact either G. Williams on Pontypridd 492815 or J. Parry on 0443 408353.

## Winchester Date

Winchester FT & ARC are going 'great guns' — excuse the pun — and now have a thriving membership of just over 40. The club will be staging their first open shoot on July 13th, with plenty of side shoots and a charity shoot for some excellent prizes. The shoot is being held at St Helens RUFC, just off the A580 at Windle Island junction. Shooting starts at 11 a.m. and further details can be obtained from Ron Mathews on 051-521 7924.

## Bucks Results

Over 130 competitors from all over the country took part in the Bucks AR & PC's field target shoot on March 31st. S. Cobb of South East AWC won the field target shoot, with D. Gregor of Little Chalfont second.

**RESULTS. Match competition. Rifle:** 1. N. Johnson. **Pistol:** 1. D. Payne. **Field Target (seniors):** 1. S. Cobb, 2. D. Gregor, 3. A. Pagin. **Field Target (juniors):** 1. J. Dawson, 2. P. Denyer, 3. K. Moore.

The club's next meeting will be on Monday, May 26th at the Morris Range, Wendover, Bucks.

## Stourvale Sell-Out

Take a top airgun club, an excellent field target course and 153 shooters and you have a recipe for success. These were the ingredients at the Stourvale Woodsmen's open shoot held on March 23rd, when 153 shooters flowed through the 25 target course set in the undulating grounds of Baggeridge Country Park. In the main event, Dave Pope's score of 19 proved to be unbeatable, with Dave taking the main event by two targets from P. Bird and J. Thomas.

Congratulations also go to young Andrew Hill who won the junior class — the fourth time he had been the top junior shooter at Stourvale!

**RESULTS. Main Event:** 1. D. Pope, 2. P. Bird, 3. J. Thomas. **Long Range:** 1. P. Littley, 2. J. Allcoch, 3. B. McCraw. **Pistol:** 1. J. Allcoch, 2. S. Langham, 3. J. Myszka. **Speed Shoot:** 1. R. North, 2. J. Allcoch, 3. P. Littley. **Long Range Pistol:** 1. S. Langham. **Dump Shoot:** 1. R. North, 2. G. Wright, 3. I. Cartwright. **Ladies:** 1. D. White. **Juniors:** 1. A. Hill. **Fun Shoot:** 1. P. Wasilewski, 2. R. North, 3. P. Denny.

**Below: Prize-winners at Stourvale's open shoot, with Dave Pope in the centre. Right: Junior winner Andrew Hill is a consistent performer.**

## Thirsk Dates

Thirsk AWC in North Yorkshire are holding open field target shoots on June 8th & 29th, July 20th, August 10th & 24th, September 21st, October 12th & 26th, November 2nd, 16th & 30th and December 14th & 26th.

The shoots will comprise a main event, long range rifle, moving target and a mixed shoot, with entries from 10.30 a.m.-4.30 p.m.

Make a special note of September 21st when the top prize at the shoot is a rifle worth over £110! Further details from John Cawkwell on 0845 24991.

## Roundwell Round-Up

Top Norfolk club, Roundwell ARC, held an invitation shoot on March 23rd at Banham, Norfolk, in what was described as, 'very windy conditions'. P. Dennis managed to master the elements to take the main shoot after a shoot-off with S. Ford.

**RESULTS. Main Shoot:** 1. P. Dennis, 2. S. Ford, 3. P. Davies. **Ladies:** 1. H. Crawford, 2. C. Everett. **Juniors:** 1. J. Sutton, 2. M. Harrington. **Marksman Shoot:** 1. A. Read, 2. R. Grey, 3. R. Everett. **Vermin Shoot:** 1. C. Knight, 2. A. Read, 3. N. Everett. **Long Range:** 1. P. Dennis, 2. P. Davies, 3. R. Reynolds.

## White Rose Success

Despite pouring rain, White Rose AR & PC's first open shoot on March 16th was a great success, with shooters travelling from as far away as Middlesbrough and Derbyshire. With some terrific prizes up for grabs, generously donated by Abbey, Airmasters, Cindy's Shooting Shop, DB Knitting, Eley, Kirkless Guns, Manchester Air Guns and Northern Arms, competition was bound to be stiff. In the main event, F. Spencer had to survive a shoot-off with D. Hammill before taking a well deserved win.

**RESULTS. Main Event:** 1. F. Spencer, 2. D. Hammill, 3. M. Shaxted. **Juniors:** 1. L. Edwards, 2. T. Jones, 3. G. Nicholls. **Long Distance:** 1. F. Spencer, 2. M. Shaxted, 3. D. Hammill. **Speed Shoot:** 1. N. Clarke, 2. F. Spencer, 3. G. Baron.

## Medway Up-Date

Medway Valley AGC held their first open shoot of the year on March 9th. Although the weather was not particularly good for field target shooting, the club had an excellent turnout, with Mark Camoccio winning the main event and the Kent Challenge Trophy.

The club would like to thank Venom Arms, Airmasters, Mede Targets, The Country Way Gun Shop and Chris Potter Guns for donating the prizes and all the shooters who turned up on the day.

**RESULTS. Main Event:** 1. M. Camoccio, 2. R. Welham, 3. P. Lunn. **Speed Shoot:** 1. R. Cameron, 2. M. Camoccio, 3. D. Hewson. **Deer Long Range:** 1. M. Laler, 2. D. Welham. **Tenpin Shoot:** 1. C. Long, 2. D. Gregor, 3. J. White. **Ladies:** 1. S. Lasheras, 2. D. Chittock, 3. T. Long. **Juniors:** 1. J. Lasheras, 2. R. Sultana, 3. P. Duley.

### Fixtures at a glance

**May 18th**

Open Field shoot, Fodarm FSC, Glyn Farm, Redbrook, off A466, Glos. Tel: 0594 33908.

Open shoot, Ormesby ARC, The Sun Inn, Chop Gate, Cleveland. Tel: Middlesbrough 821567.

**May 25th**

Open field target shoot, Thirsk AWC, Felixkirk Shooting Grounds, 3 miles from Thirsk on A170. Tel: Thirsk 24991.

Open Shoot, Prescelly Scorpions FTC, Singleton Park, Swansea, Glamorgan.

Open shoot, Wellbrook SC, Wellbrook Farm, Mayfield, Sussex. Tel: 0435 873230.

Open shoot, Rotherham AR & PC, Pinchmill Farm, Whiston, Rotherham, South Yorks. Tel: 0709 541744.

**May 26th**

Field Target shoot, Bucks AR & PC, Morris Range, London Road, Wendover, Bucks. Tel: Penn 2710.

**June 1st**

Yorkshire Air Weapons Open Championship, Bramham Park Country Fair, Wetherby, West Yorks. Tel: Leeds 798039.

Field shoot, Fodarm FSC, Glyn Farm, Redbrook, off A466, Glos. Tel: 0594 33908.

**June 8th**

Open Field Target shoot, Thirsk AWC, Felixkirk Shooting Grounds, 3 miles from Thirsk on A170, North Yorkshire. Tel: 0845 24991.

**June 15th**

Open Field Target shoot, Fodarm FSC, Glyn Farm, Redbrook, off A446, Glos. Tel: 0594 3308.

Field shoot, York Jubilee AR & PC, North Lane, Huntington, York. Tel: 0904 400162.

Open Field Target shoot, Wellbrook SC, Wellbrook Farm, Mayfield, East Sussex. Tel: 0435 873230.

**June 22nd**

Indoor 6 yard and 10 metre shoot, Ormesby ARC, YMCA Building, Middlesbrough. Tel: Middlesbrough 821567.

**June 29th**

Open field shoot, Medway Valley AGC. Tel: 01 302 2707.

Field Target shoot, Bucks AR & PC, Morris Range, London Road, Wendover, Bucks. Tel: Penn 2710.

Open Field Target shoot, Arley AR & PC. Contact D. Lee, Pickards, Bromley Lane, Arley, near Bewdley, Worcester.

Invitation shoot, Iceni Marksmen. Tel: 0376 62472.

Open Field Target shoot, Thirsk AWC, Felixkirk Shooting Grounds, 3 miles from Thirsk on A170, North Yorkshire. Tel: 0845 24991.

South-East of England Invitation Championship. Tel: 0323 897546.

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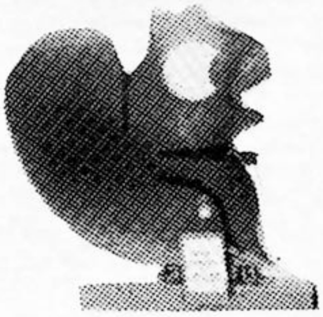

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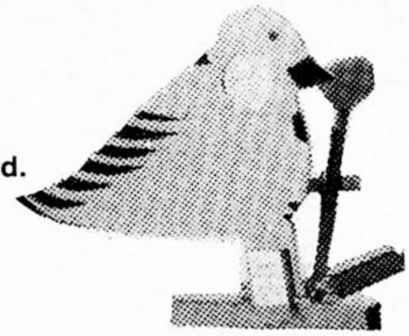

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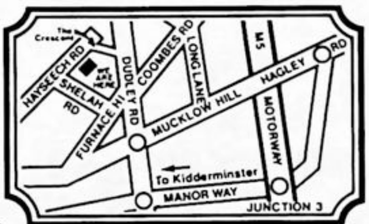

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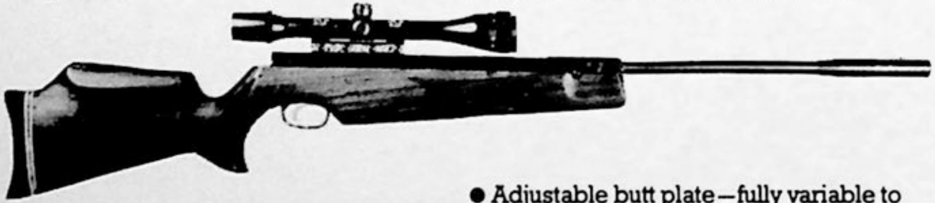

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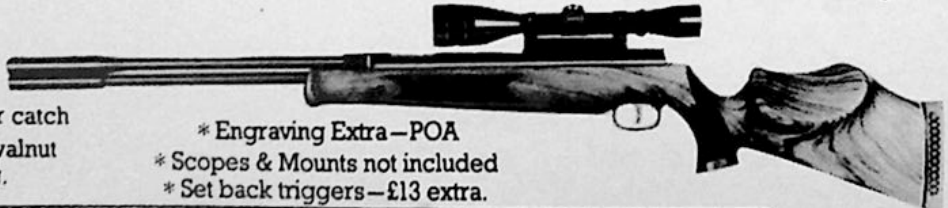

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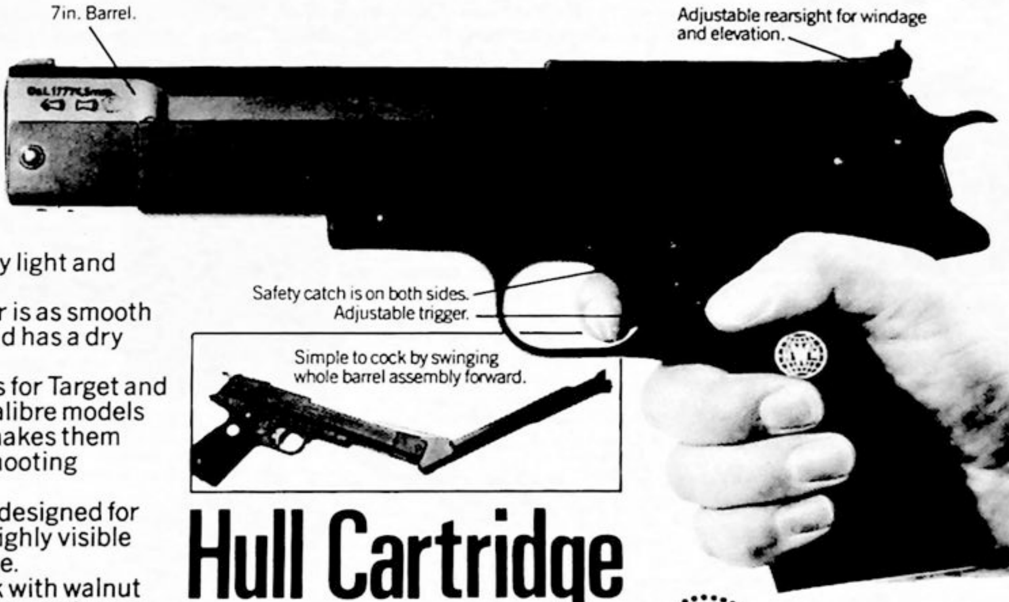

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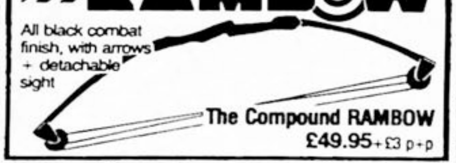

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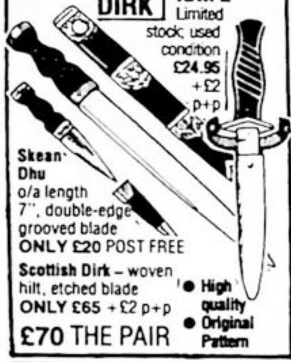

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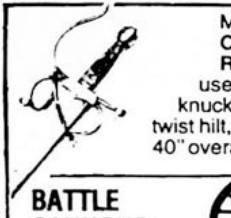

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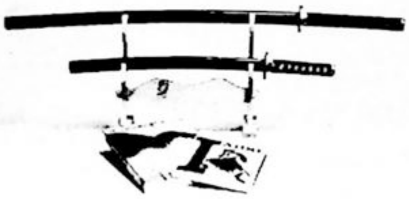

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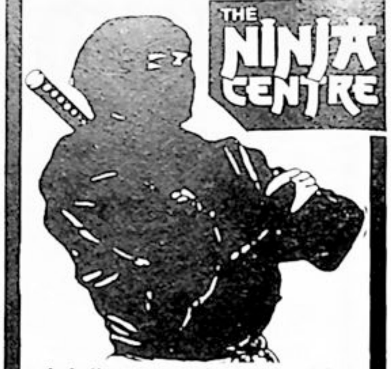

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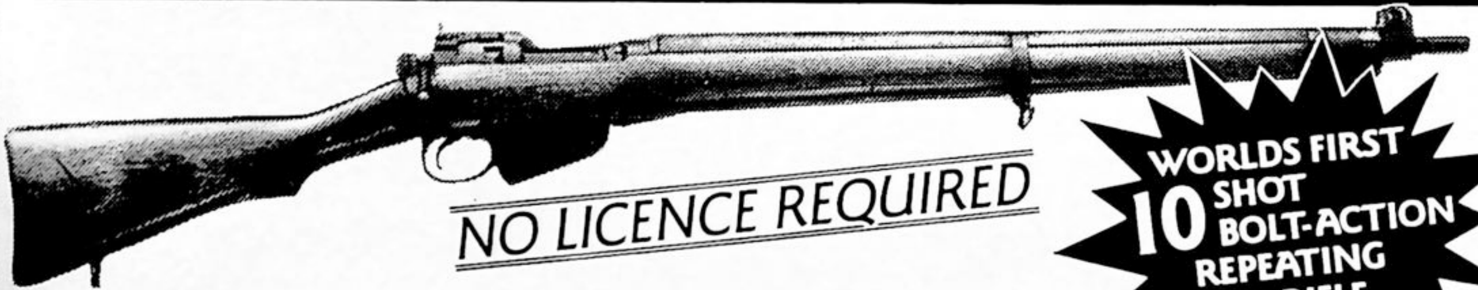

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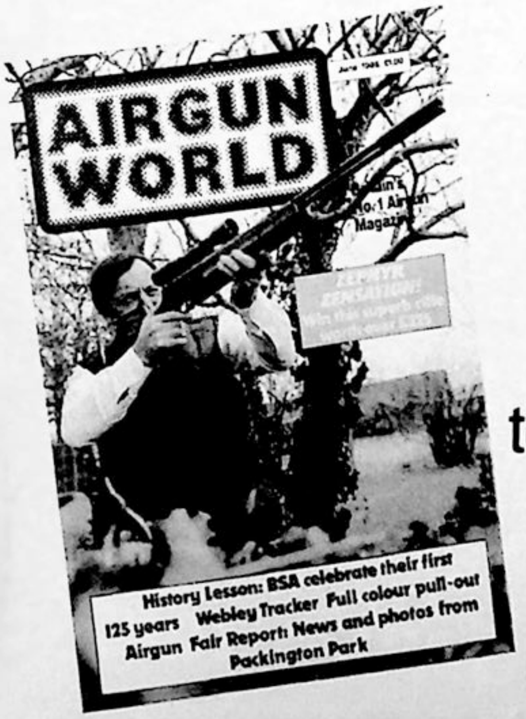

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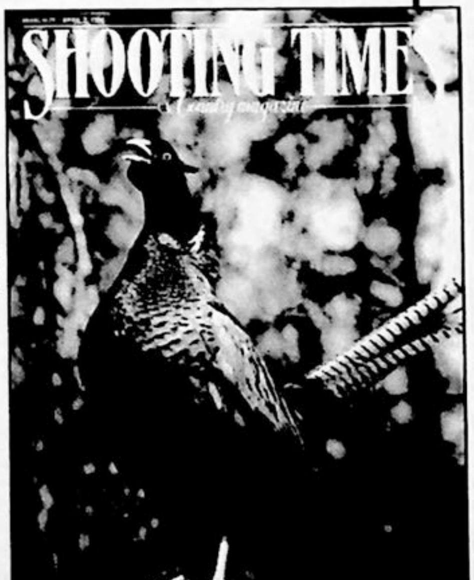

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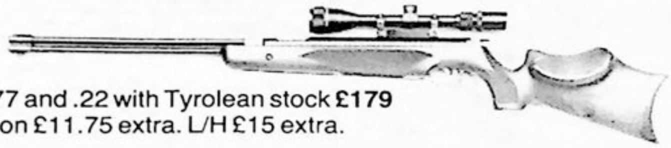

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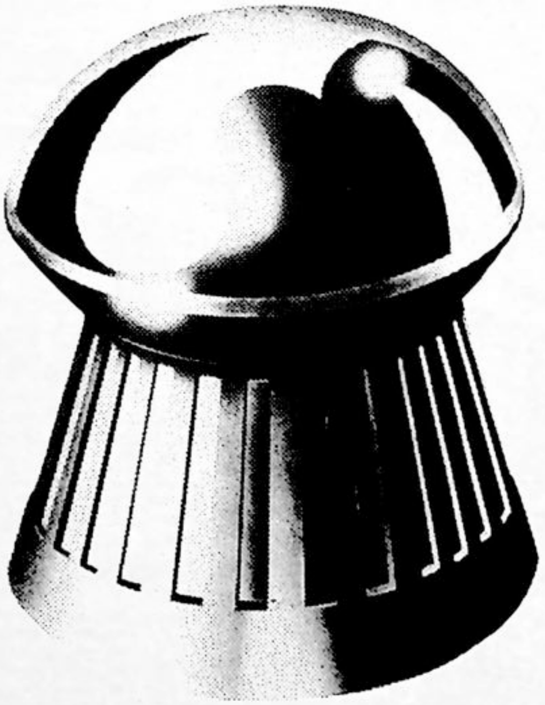

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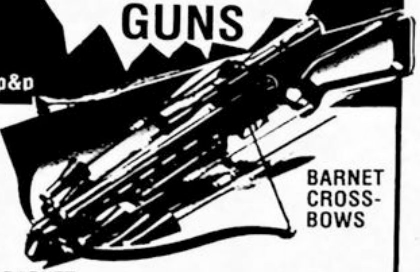

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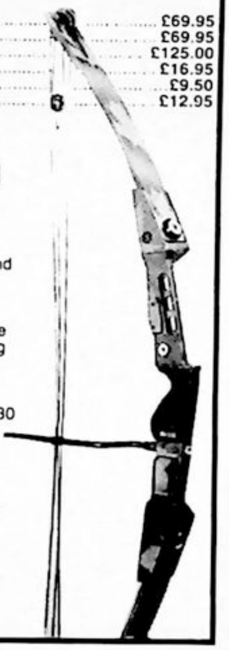

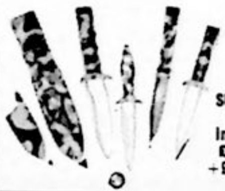

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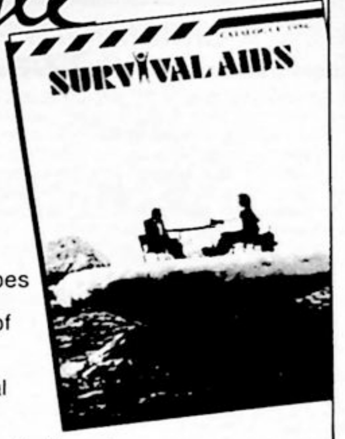

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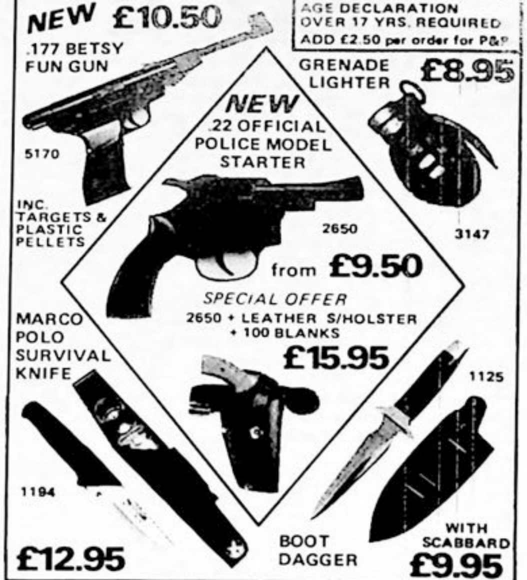

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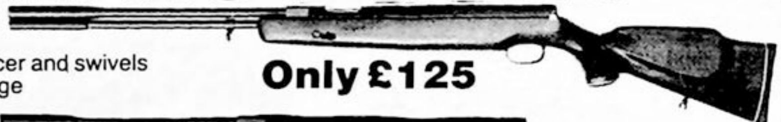

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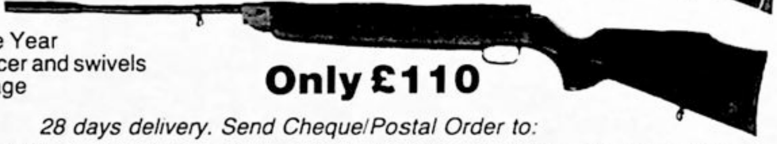

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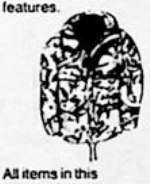

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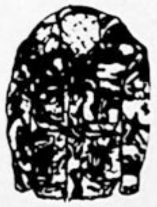

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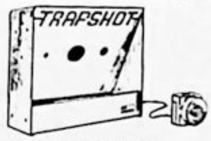

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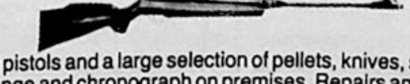

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